

FIG. 2

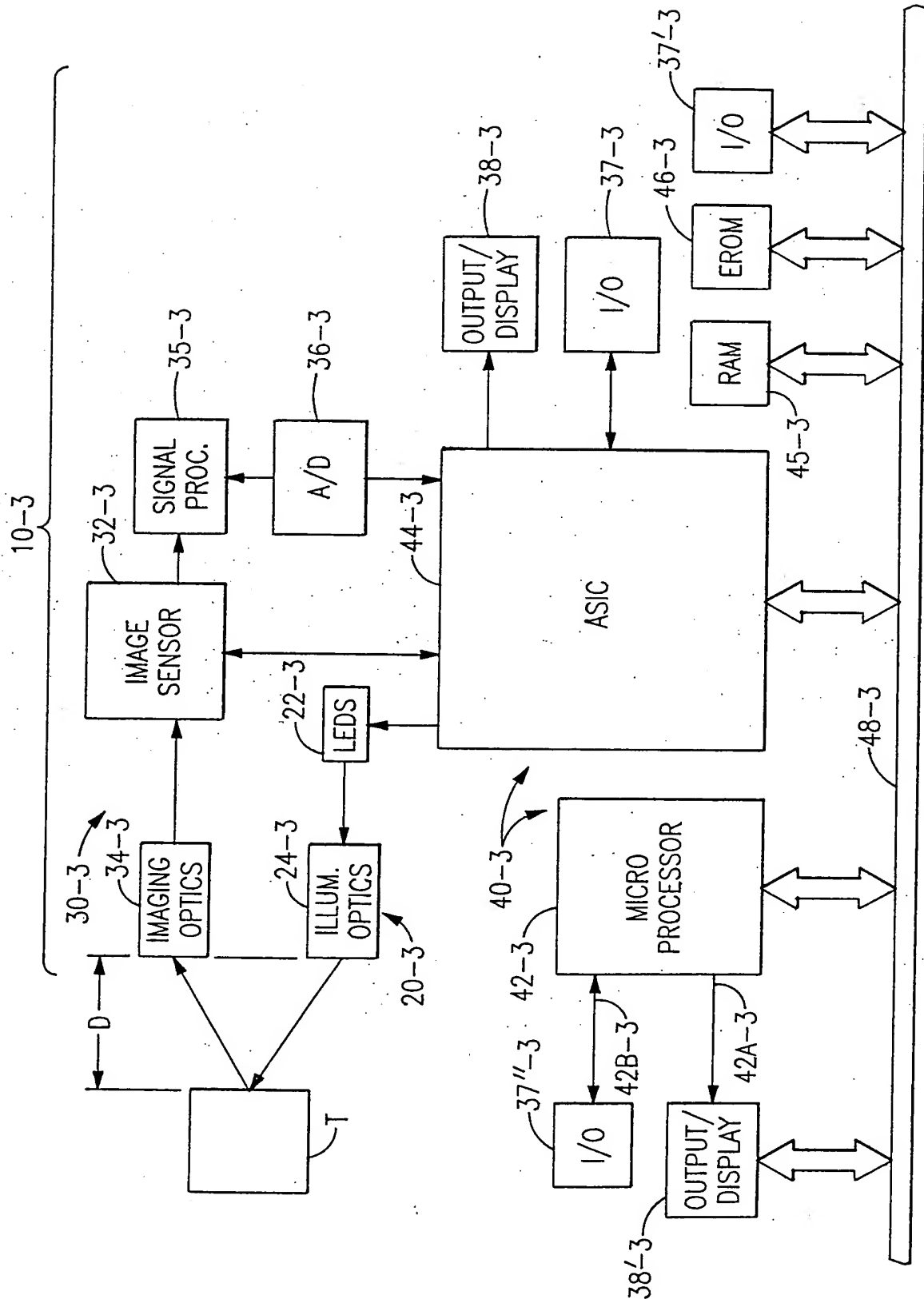


FIG. 3

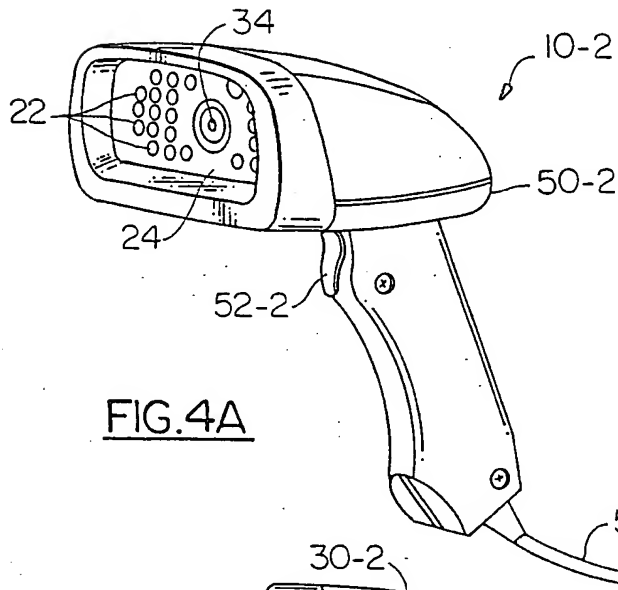


FIG. 4A

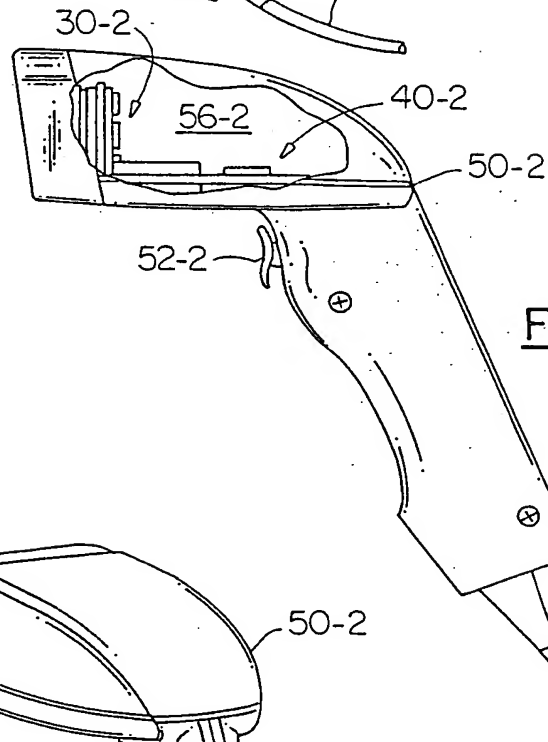


FIG. 4B

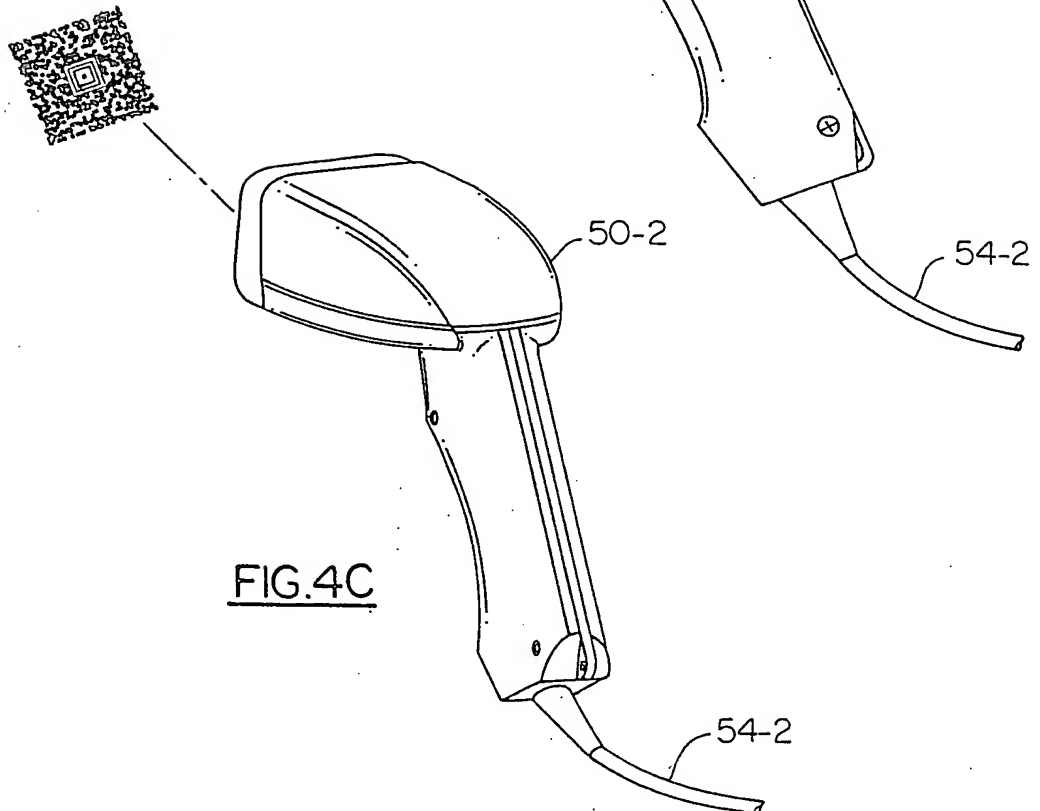


FIG. 4C

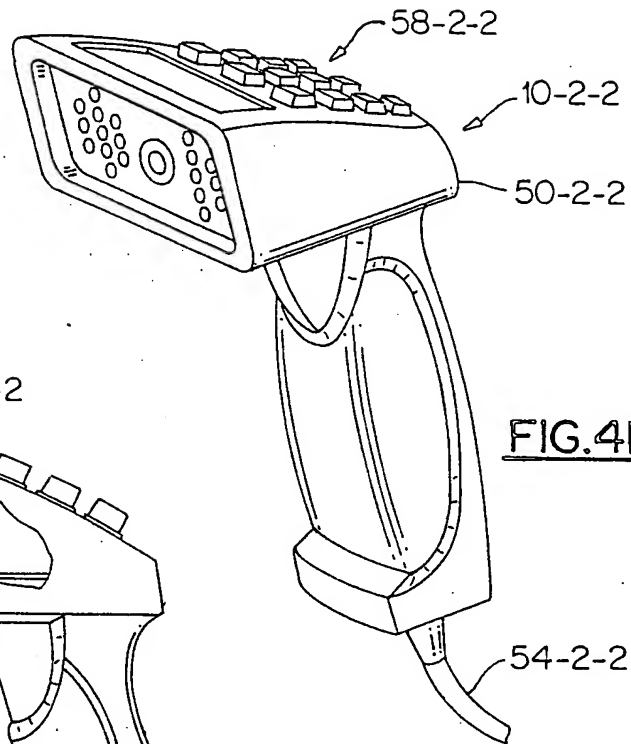


FIG. 4D

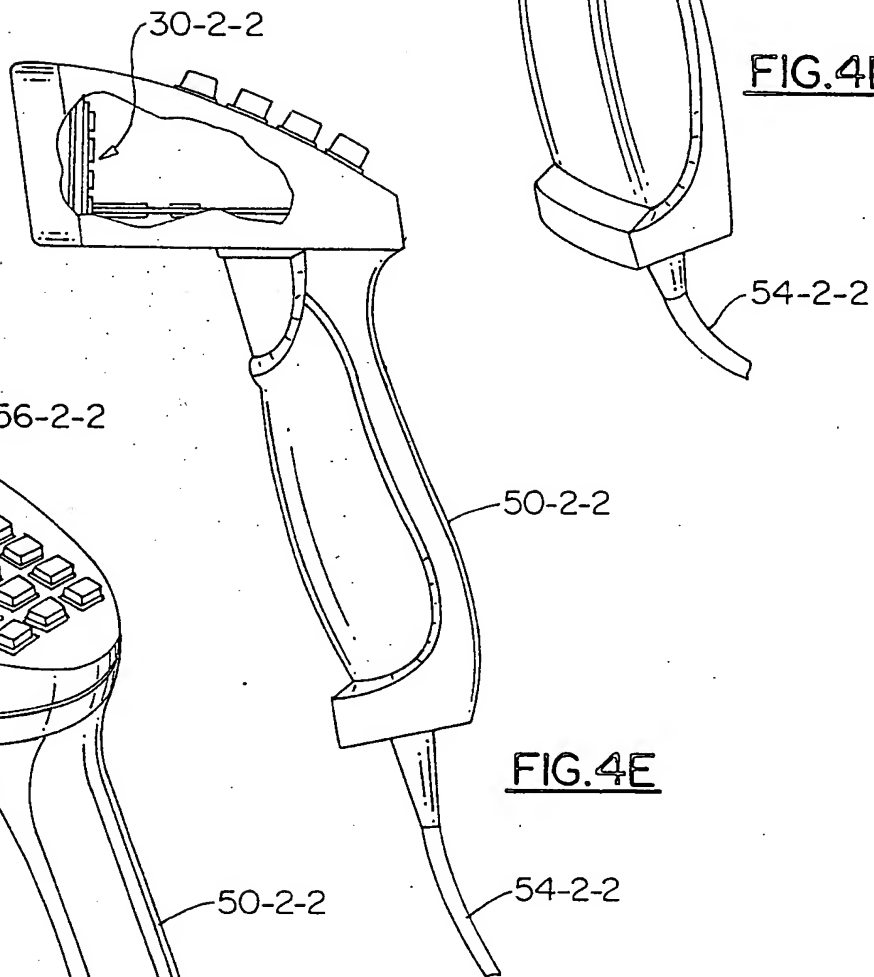


FIG. 4E

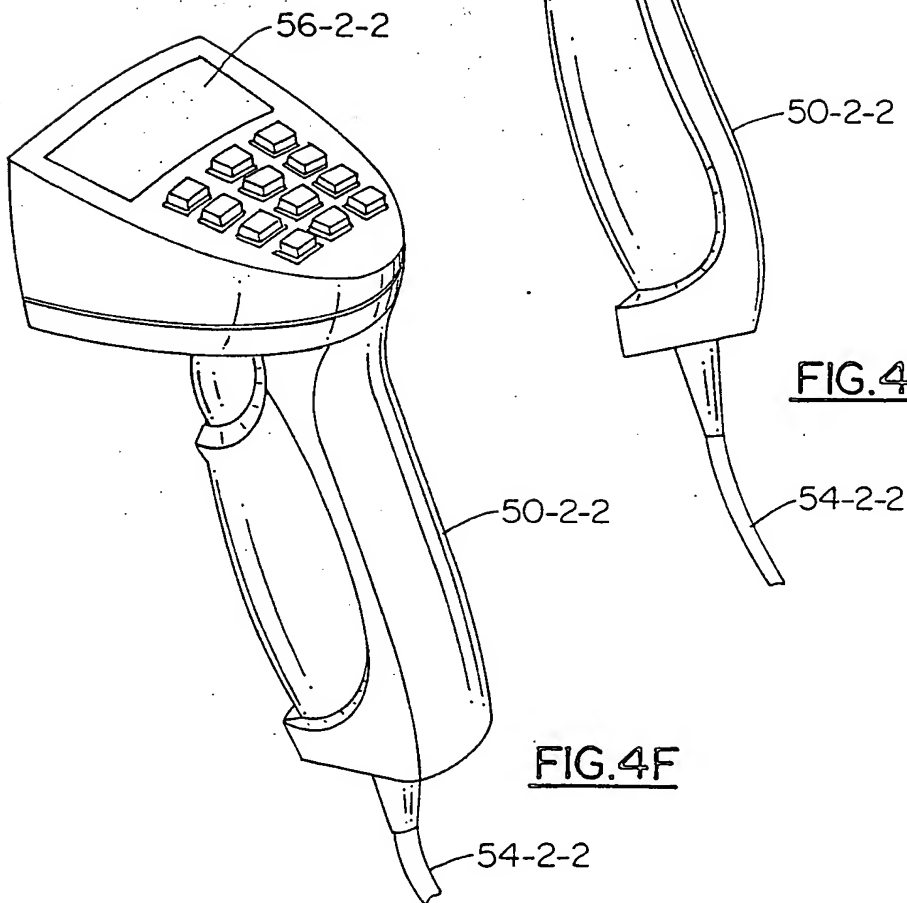
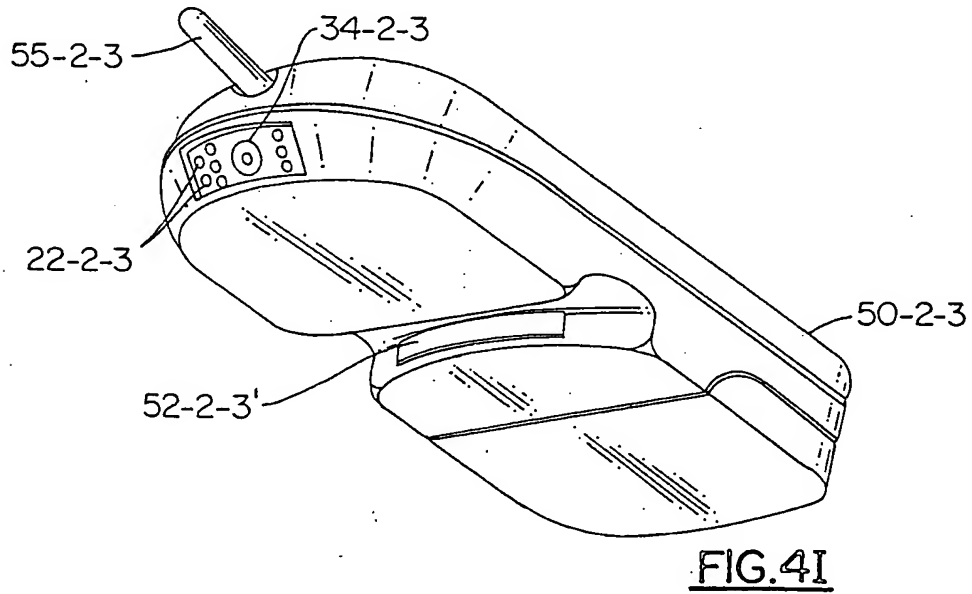
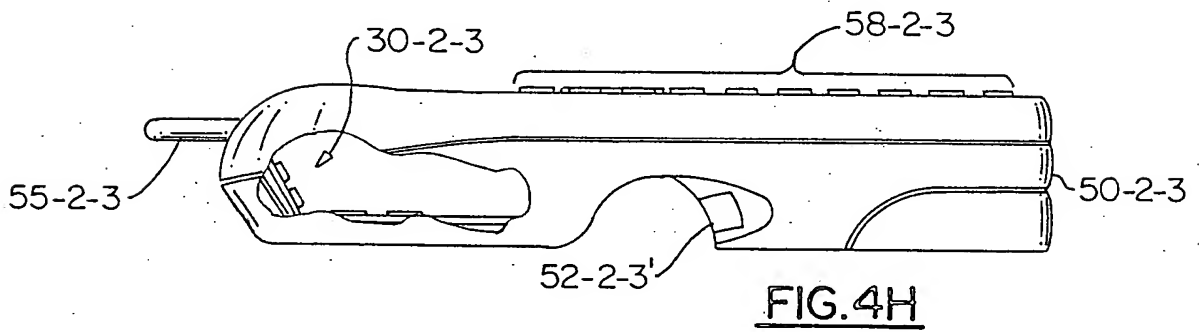
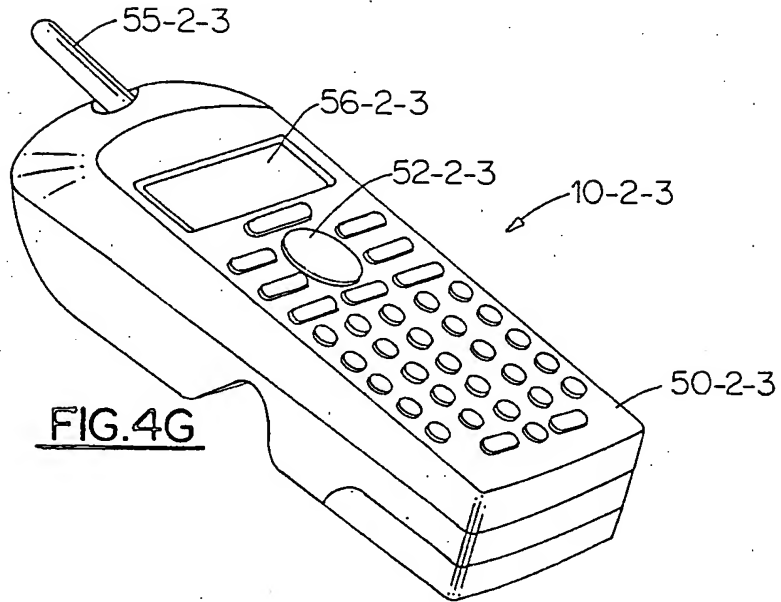
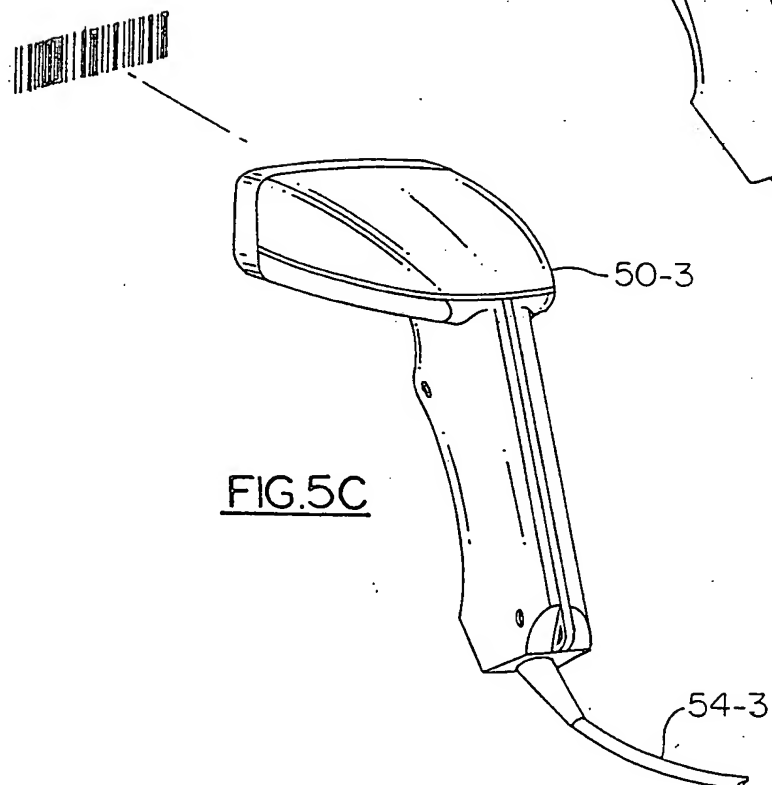
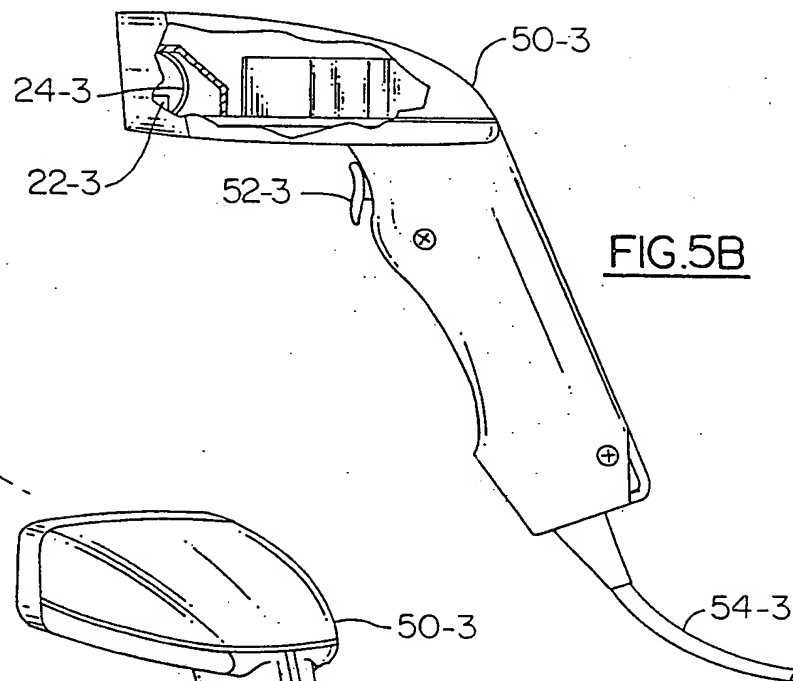
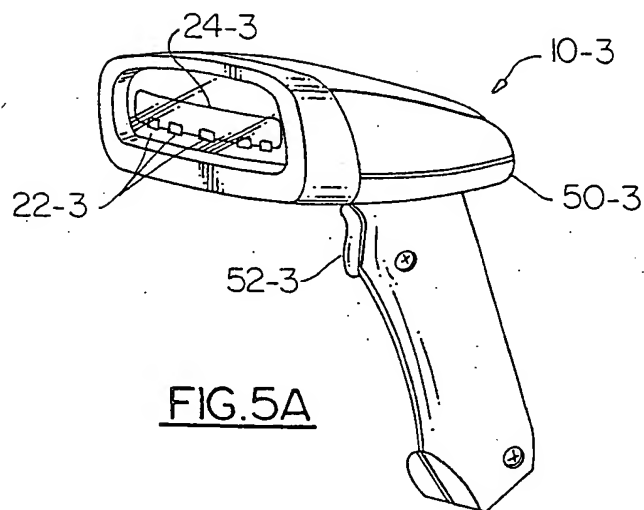


FIG. 4F





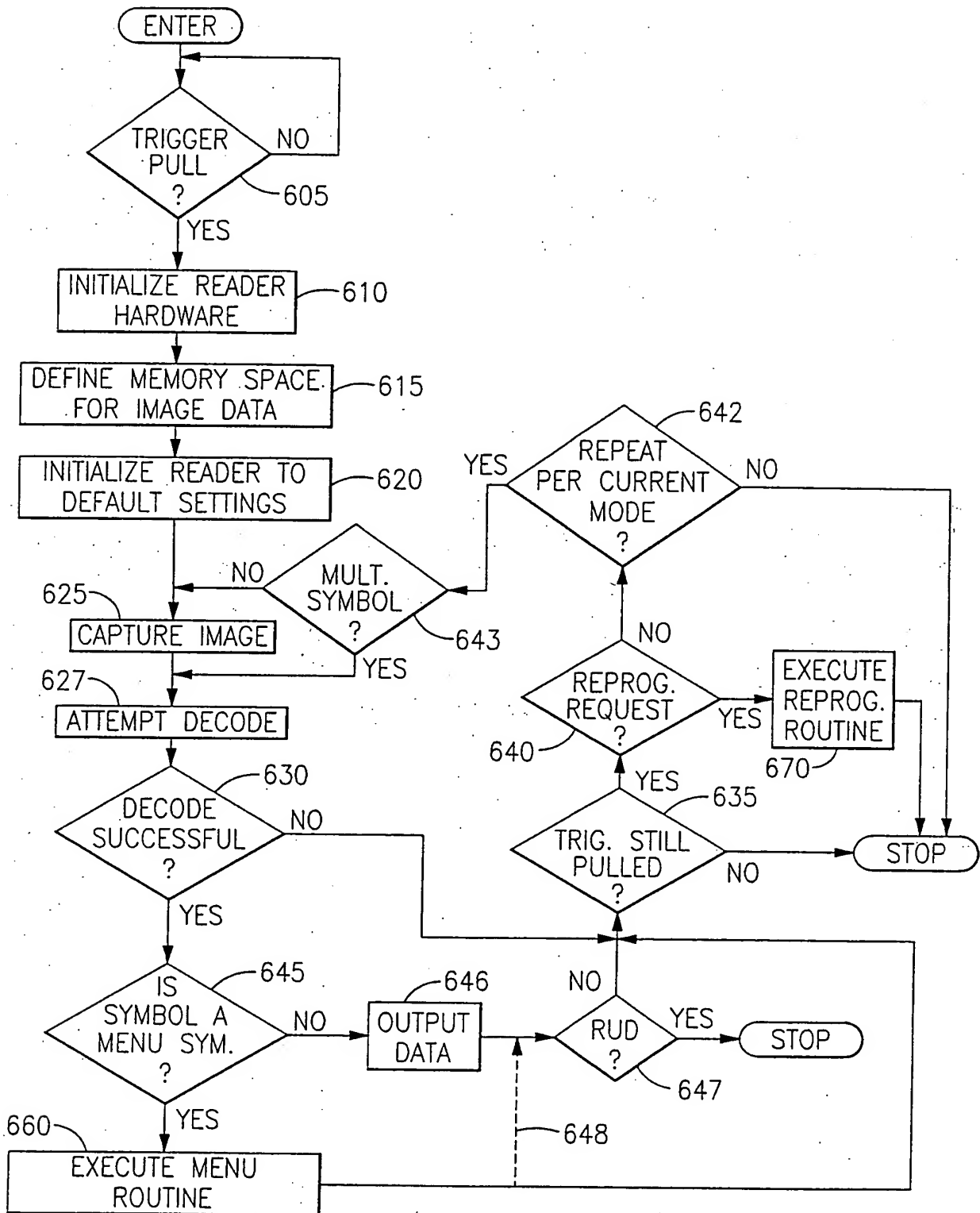


FIG. 6A

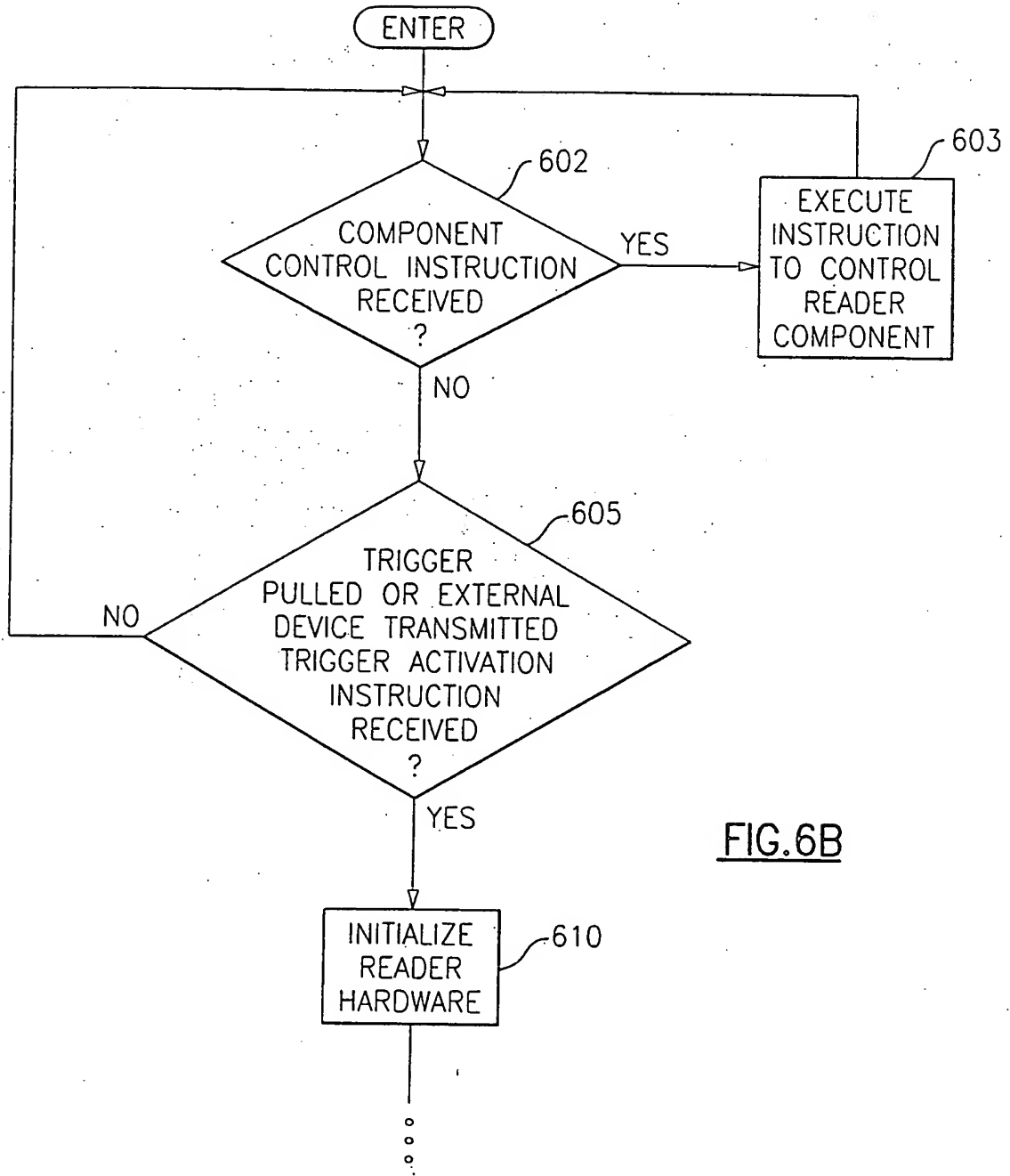


FIG. 6B

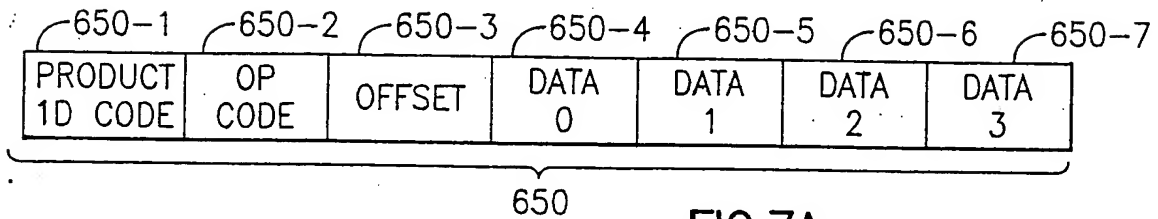


FIG.7A

OPTIONS (OFFSET) TABLE

- A. COMMUNICATIONS OPTIONS
 - 1. RS-232
 - 2. BAUD RATE
 - 3. RF LINK
 - 4. ETHERNET
- B. CODE OPTIONS
 - 1. DISABLE 1D
 - 2. DISABLE 2D
 - 3. DISABLE INDIV.
 - 4. MIN-MAX LENGTH
 - 5. MULTIPLE SYMBOLS ENABLED
- C. SCANNING-DECODING OPTIONS
 - 1. ONE SHOT
 - 2. REPEAT UNTIL DONE
 - 3. REPEAT UNTIL STOPPED
 - 4. SCAN ON DEMAND
 - 5. SKIP SCAN
 - 6. DECODE ON DEMAND
- D. OPERATING OPTIONS
 - 1. BEEPER VOLUME
 - 2. AIMING LED ON/OFF
 - 3. AURAL FEEDBACK
- E. TRANSMIT OPTIONS
 - 1. SEND CHECK CHAR'S
 - 2. SEND CHECKSUM
 - 3. DATA EDIT OPTIONS

FIG.7B

OP CODE TABLE

- A. OP CODE "0"-VECTOR PROC.
 - 1. OUTPUT VERSION OF SOFTWARE
 - 2. OUTPUT CONTENTS OF PARAMETER TABLE
 - 3. DISPLAY ENABLED CODES
 - 4. PRINT PARAMETER TABLE AS BAR CODE SYMBOL
- B. OP CODE "1" - CLEAR
- C. OP CODE "2" - SET
- D. OP CODE "3" - TOGGLE
- E. OP CODE "4" - ADD
- F. OP CODE "5" - DEFAULT
- G. OP CODE "6" - LOAD
- H. OP CODE "7" - RESERVED

FIG.7C

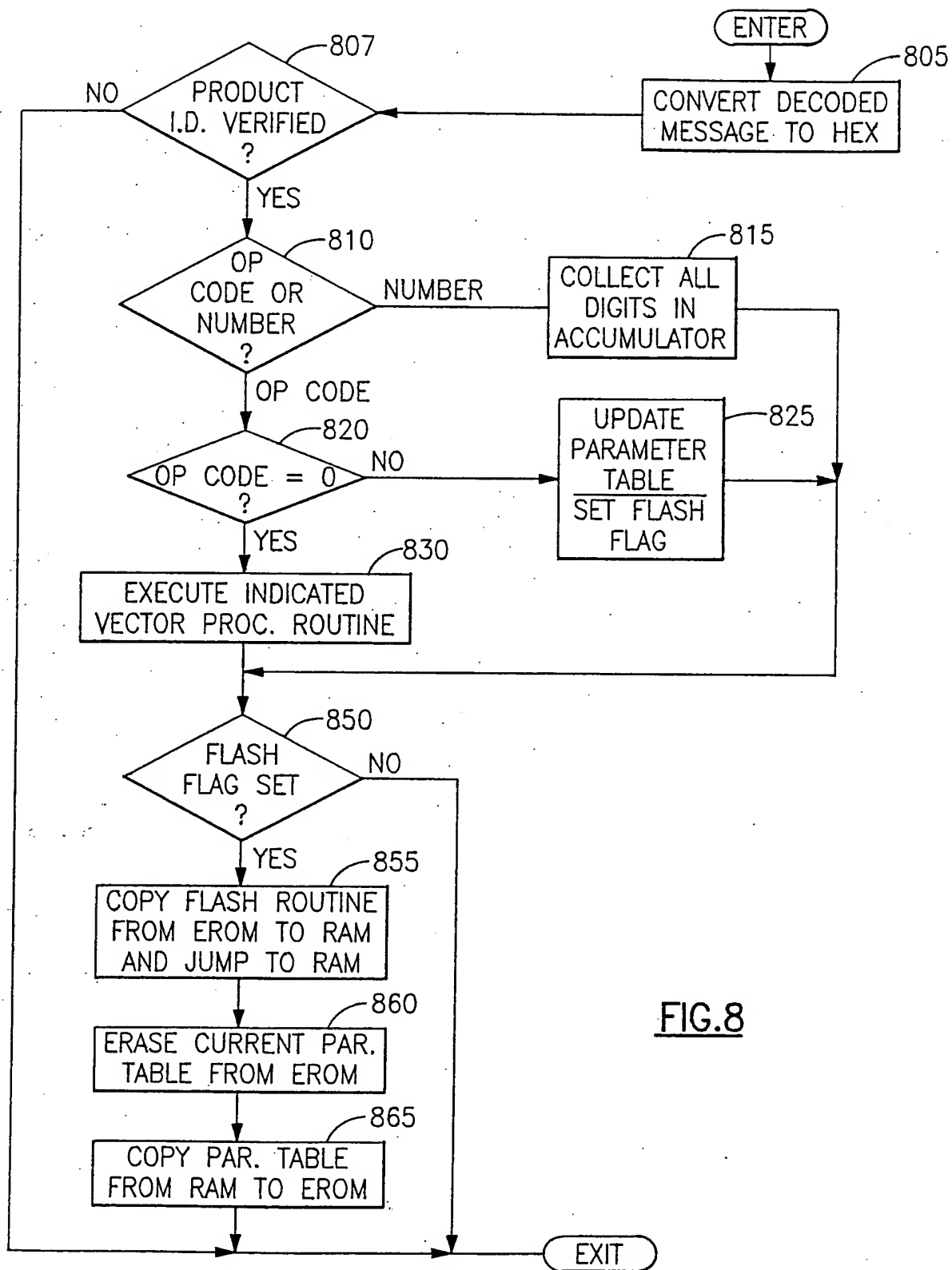
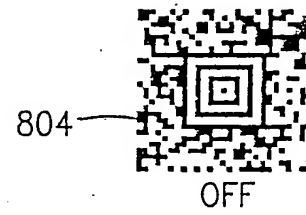
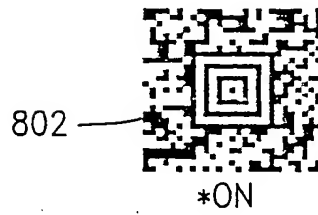


FIG.8

FIG.8A

CODE 128 SELECTION



UPC A SELECTION

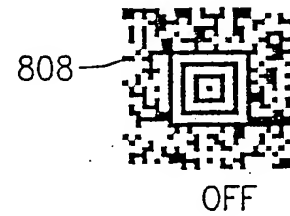
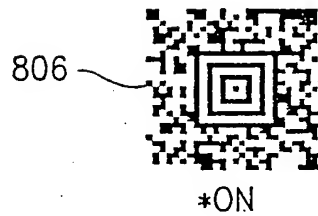
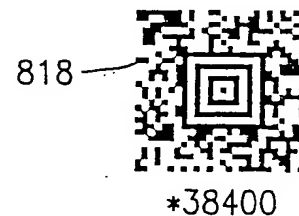
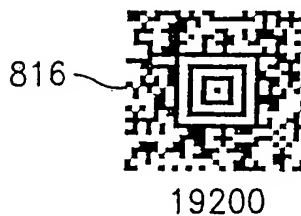
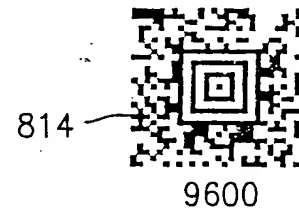
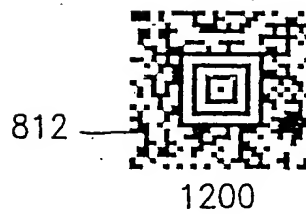
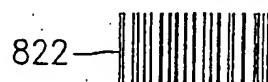


FIG.8B

BAUD RATE SELECTION



DEFAULT ALL CODE 11/CODE 128 SETTINGS



CODE 11 SELECTION

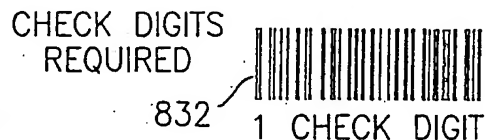
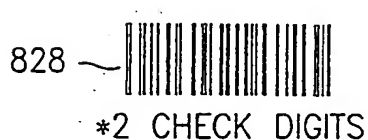
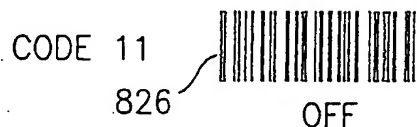
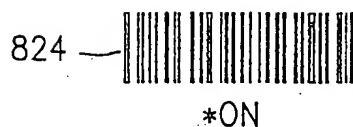
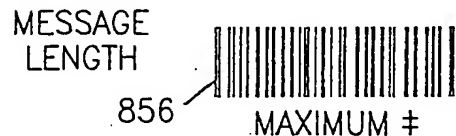
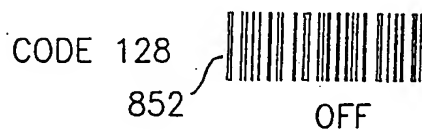
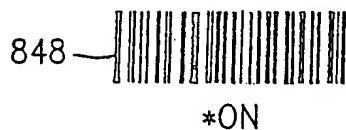


FIG. 8C

CODE 128 SELECTION



‡ A TWO-DIGIT NUMBER IS REQUIRED AFTER SCANNING
THIS PROGRAMMING BAR CODE. PLEASE SCAN YOUR SELECTION
ON THE PROGRAMMING CHART (INSIDE BACK COVER).

RS-232D PORT 2 (D OUTPUT)
DEFAULT ALL RS-232 PORT 2 SETTINGS



CTS CHECK SELECTION



ENABLE



*DISABLE

BAUD RATE SELECTION



300



600



1200



2400



4800



*9600



19200

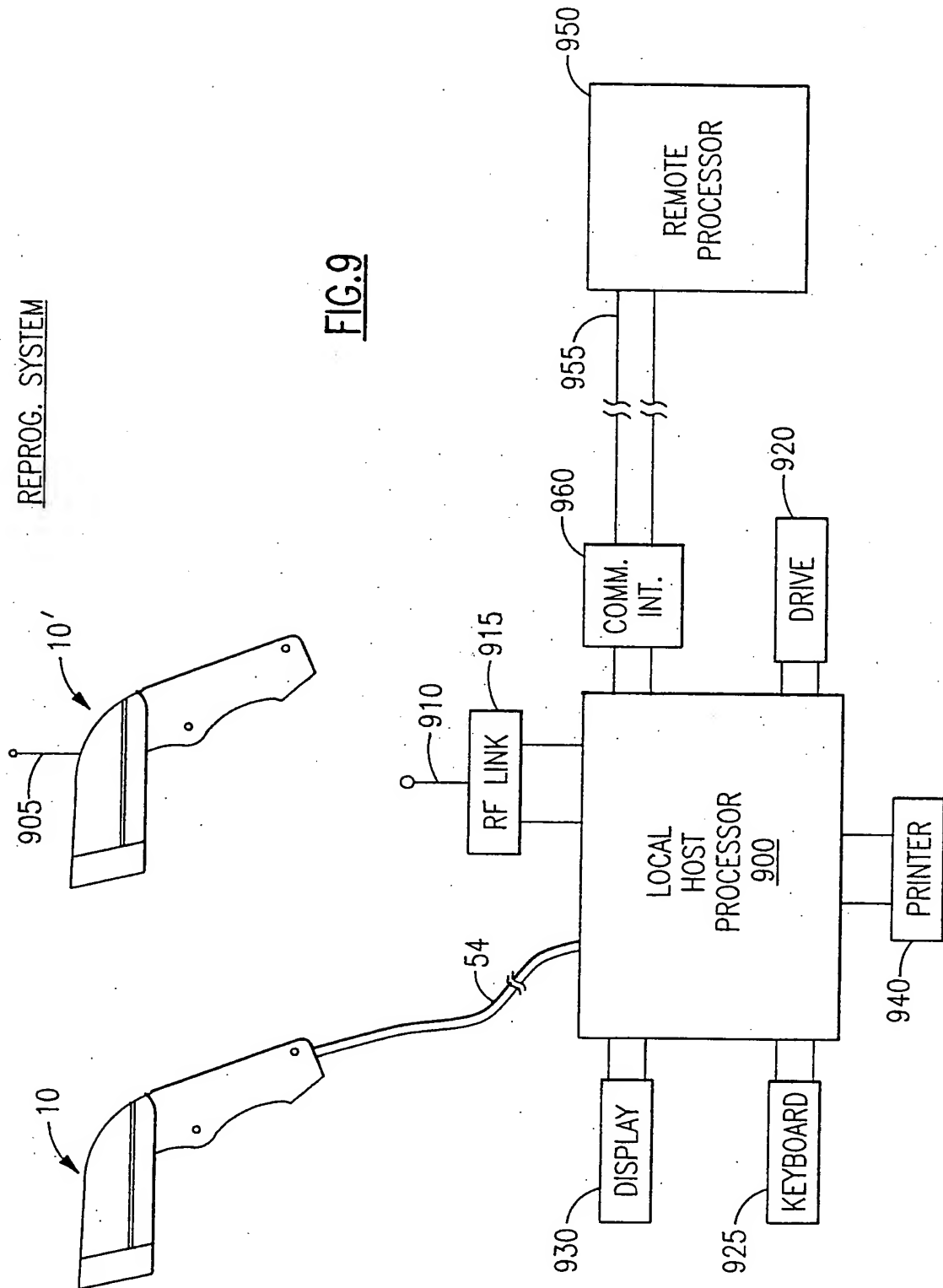


38400

FIG.8D

REPROG. SYSTEM

FIG. 9



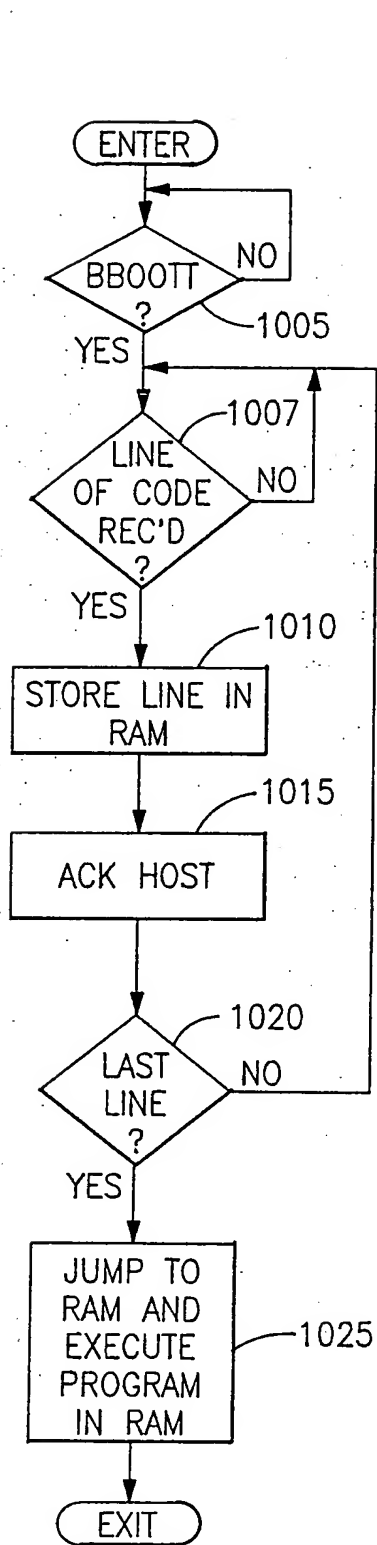


FIG. 10A

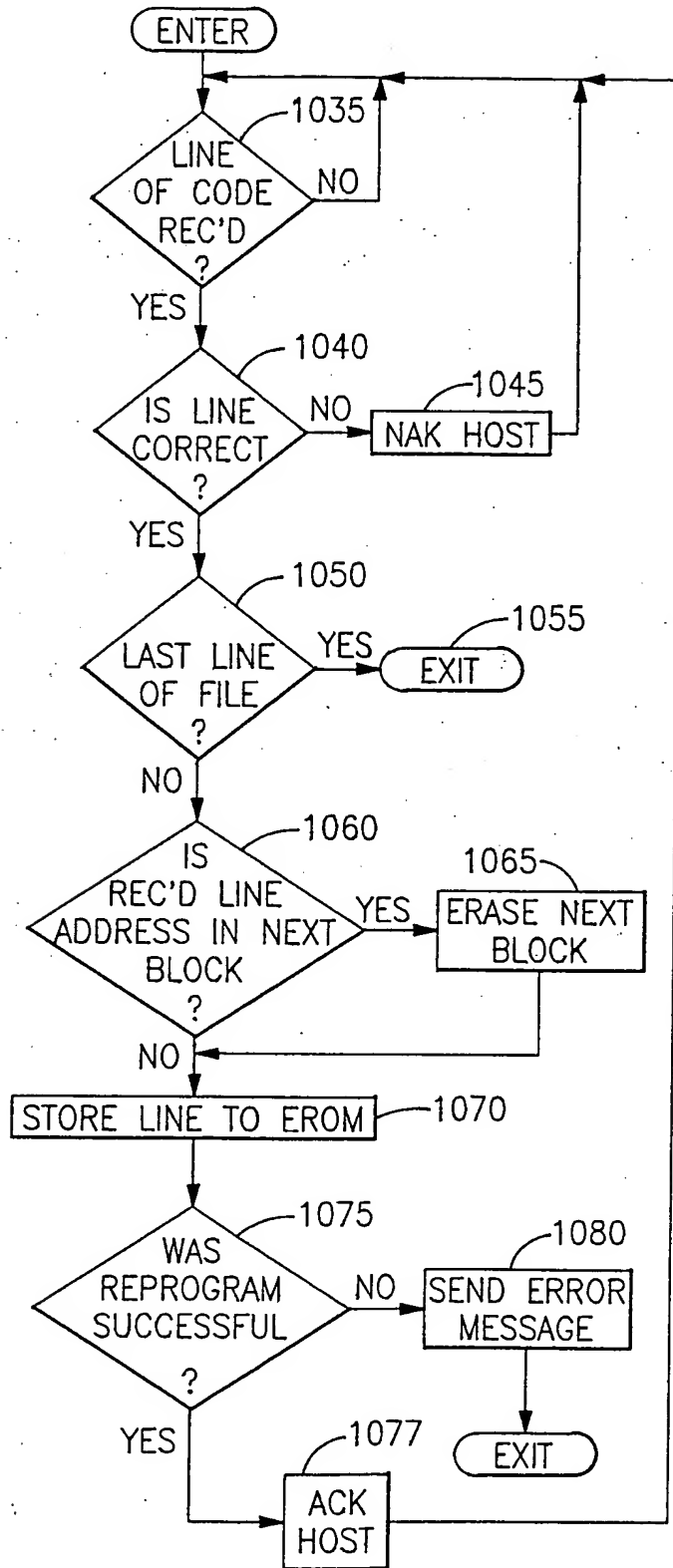
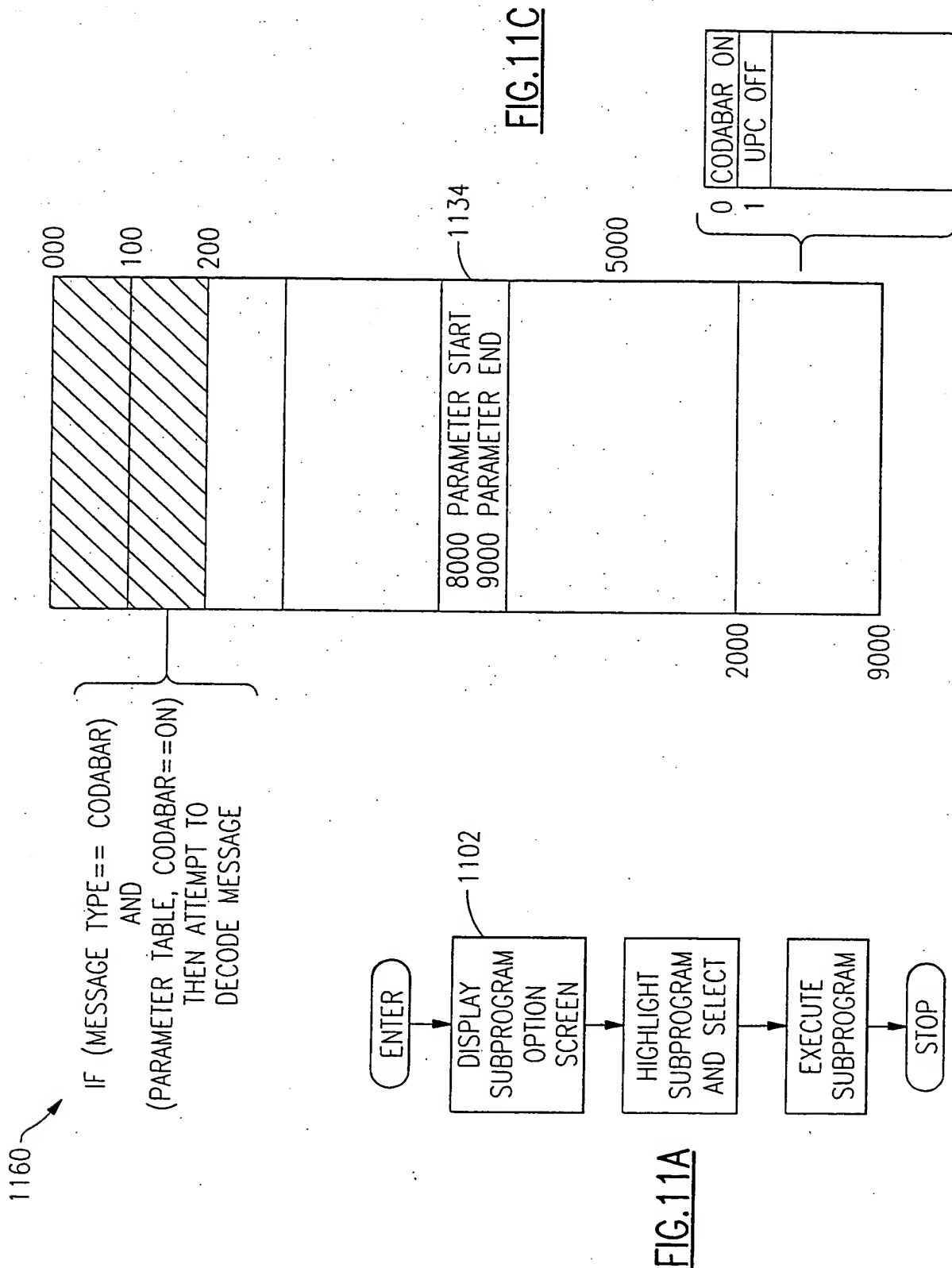


FIG 10B



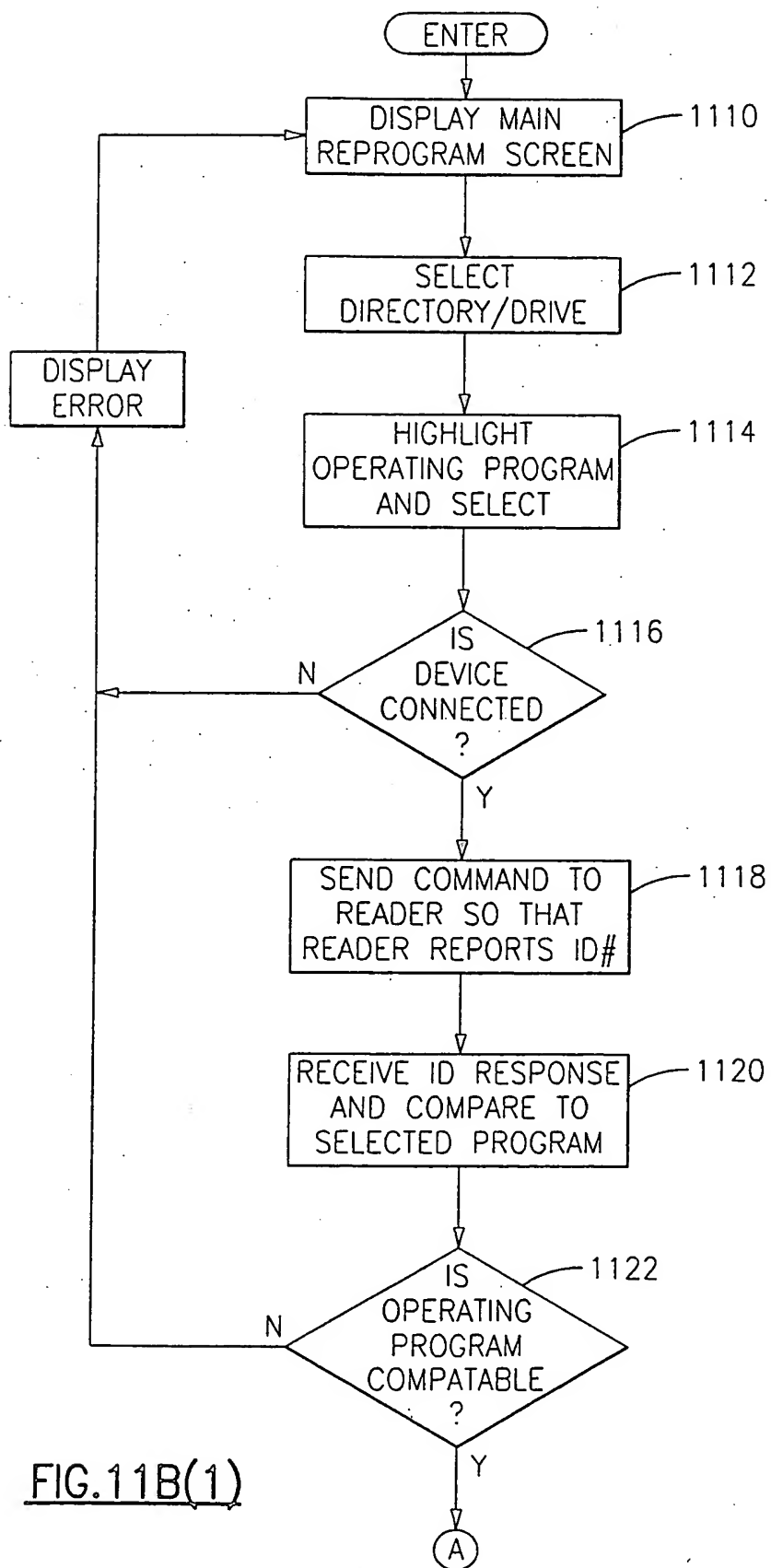


FIG.11B(1)

FIG.
11B(1)

FIG.
11B(2)

FIG.11B

FIG. 11B(2)

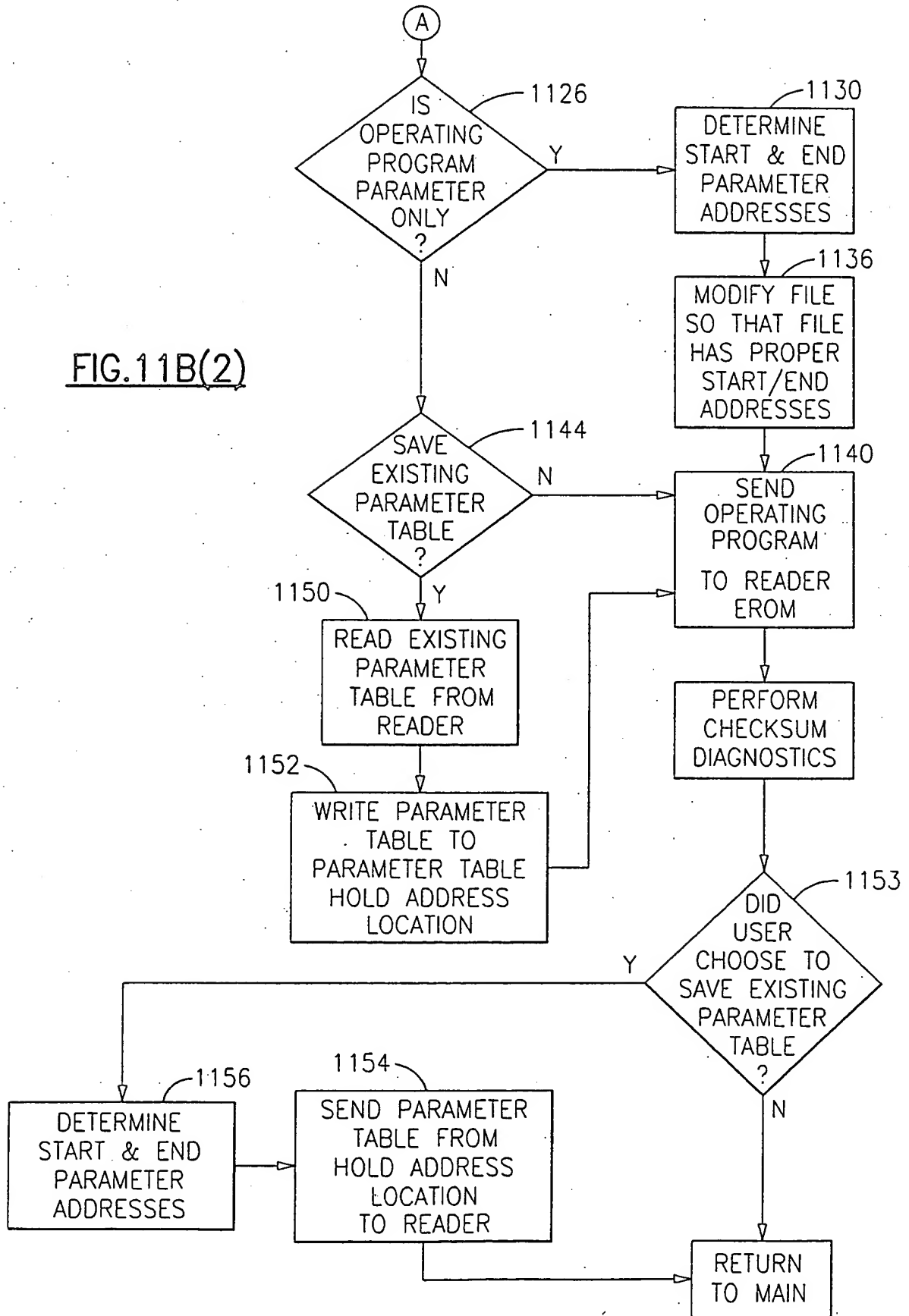


FIG.
11D(1)

FIG.
11D(2)

FIG.11D

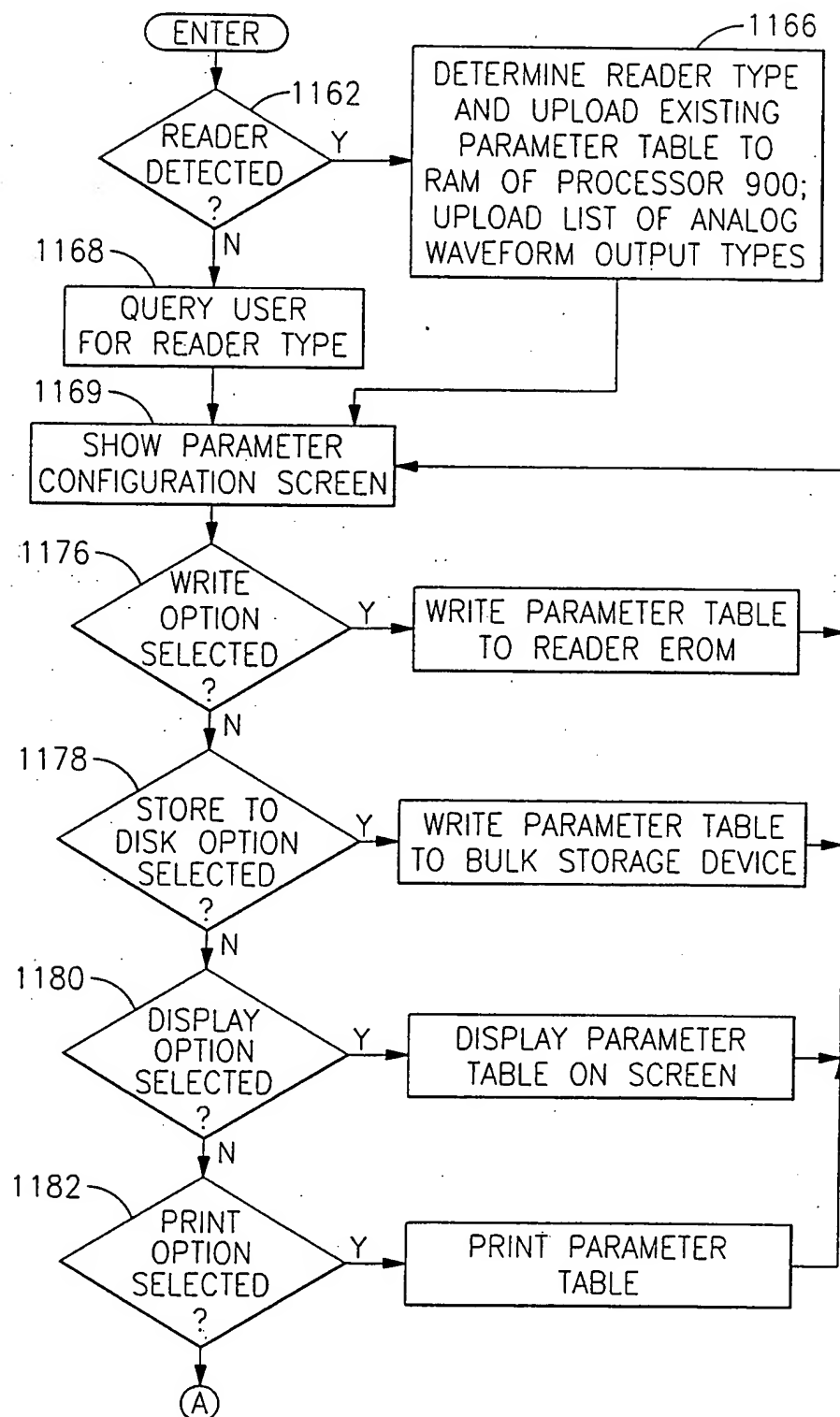


FIG.11D(1)

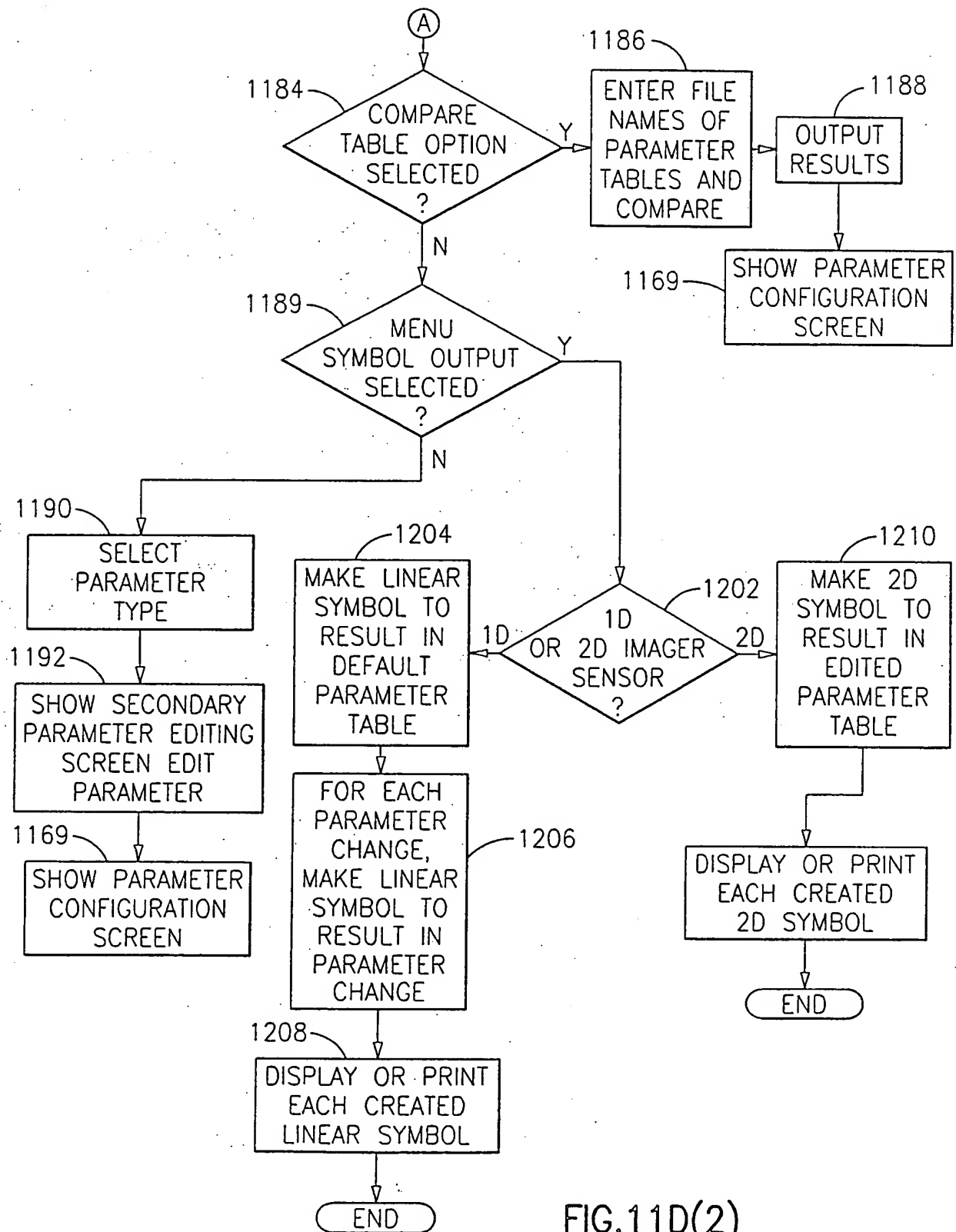


FIG. 11D(2)

DEVICE CONFIGURATION	
PRODUCT: ST3400-x2	FIRMWARE ID: WA23720027
CONFIGURATION:	DESCRIPTION:
PREFIX/SUFFIX	SETUP CHARACTERS TO TRANSMIT BEFORE AND/OR AFTER EACH BARCODE SYMBOL SCANNED
OUTPUT SETTINGS	SETUP VARIOUS OUTPUT PARAMETERS
SYMBOLLOGY SETUP	SETUP DECODING CHARACTERISTICS FOR EACH BARCODE SYMBOLLOGY
TERMINAL INTERFACE	SELECT THE TERMINAL INTERFACE THE DEVICE WILL CONNECT TO
DATA FORMATTING	CUSTOMIZE THE FORMAT OF THE OUTPUT OF THE BARCODE MESSAGE
SERIAL SETTINGS	SETUP THE DEVICE'S SERIAL COMMUNICATION PARAMETERS
MISC. SETTINGS	SETUP VARIOUS PRIMARY AND SECONDARY INTERFACE OPTIONS
<div> <div>READ FROM DEVICE</div> <div>WRITE TO DEVICE</div> <div>LOAD FROM DISK</div> <div>SAVE TO DISK</div> <div>DEFAULT ALL</div> </div> <div> <div>HELP</div> <div>CLOSE</div> </div>	

1174

FIG.11E

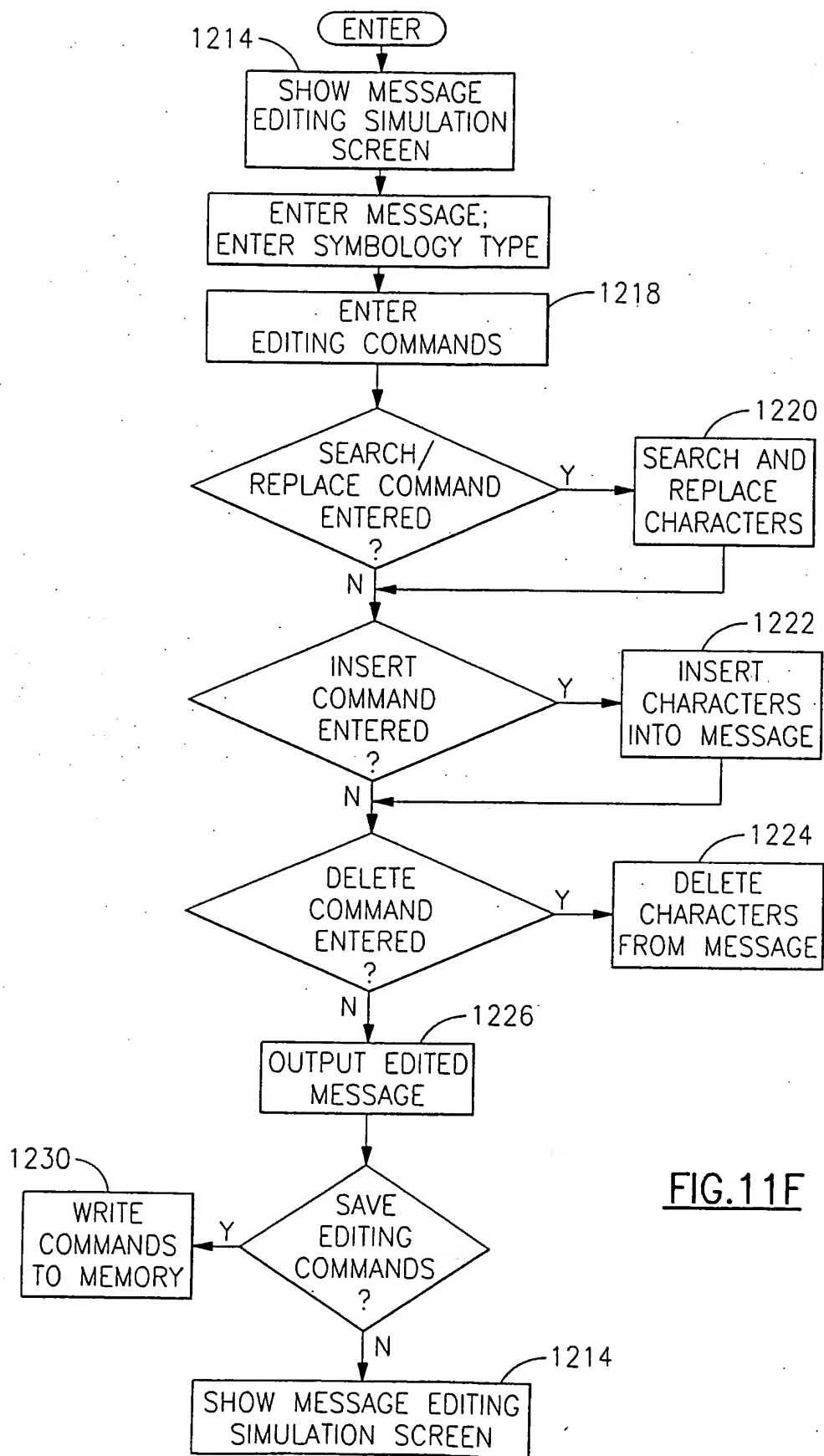


FIG.11F

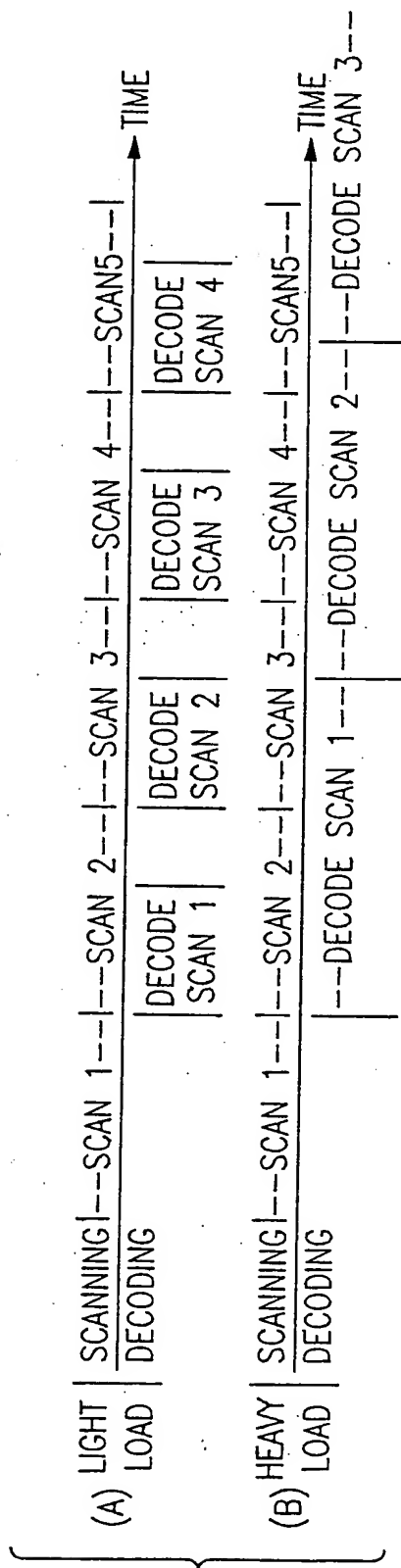


FIG.12

Prior Art

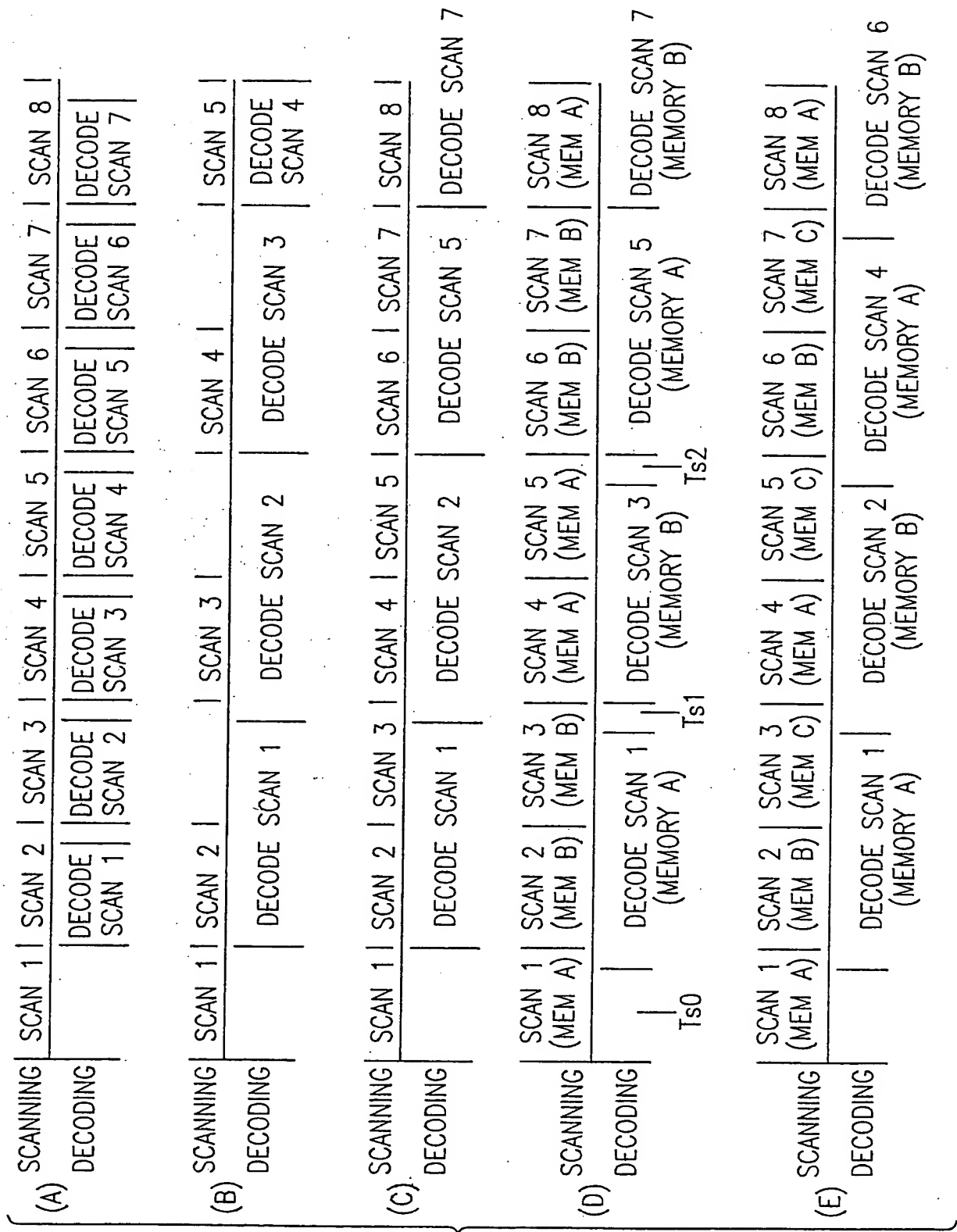
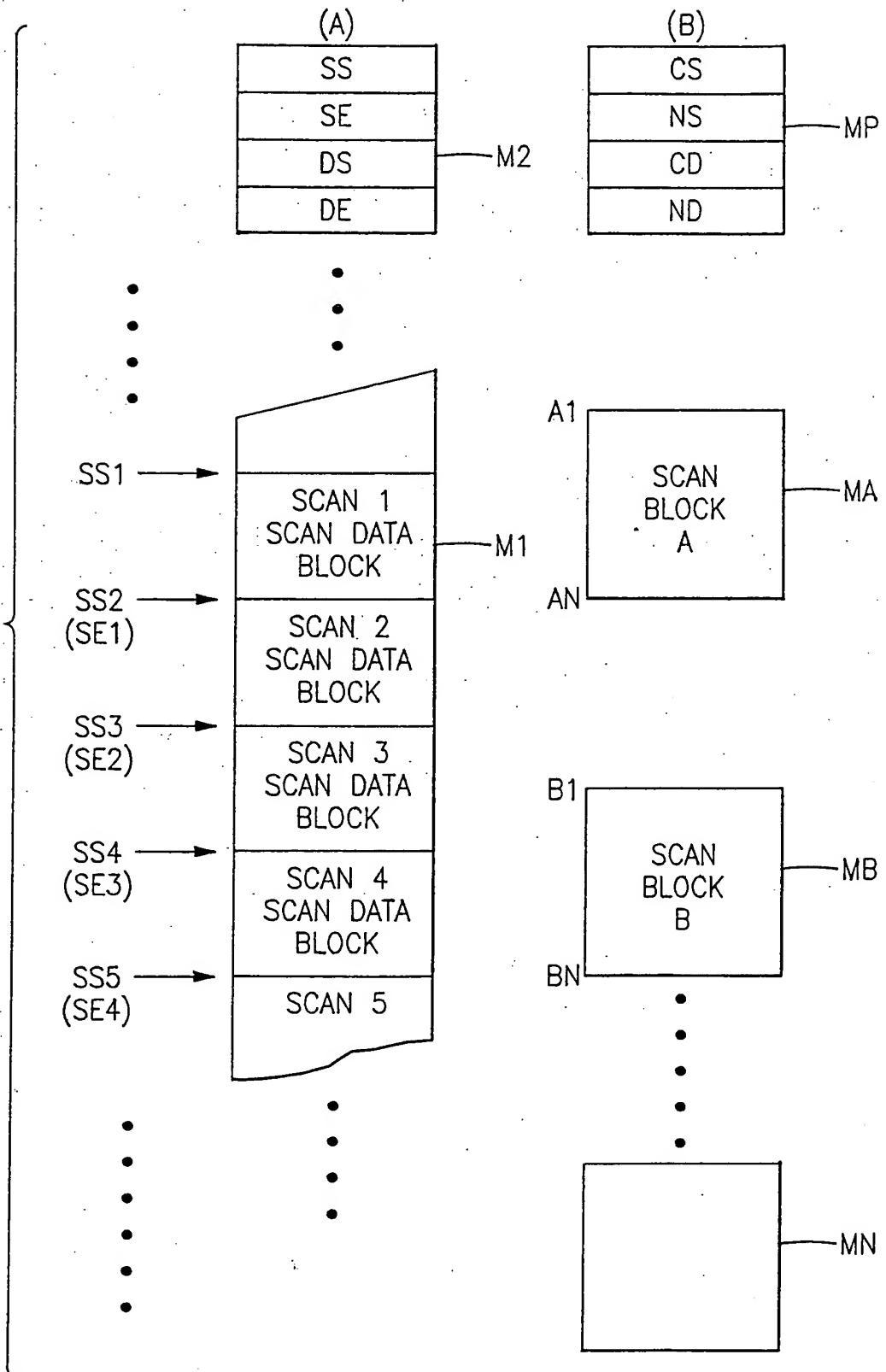


FIG. 14



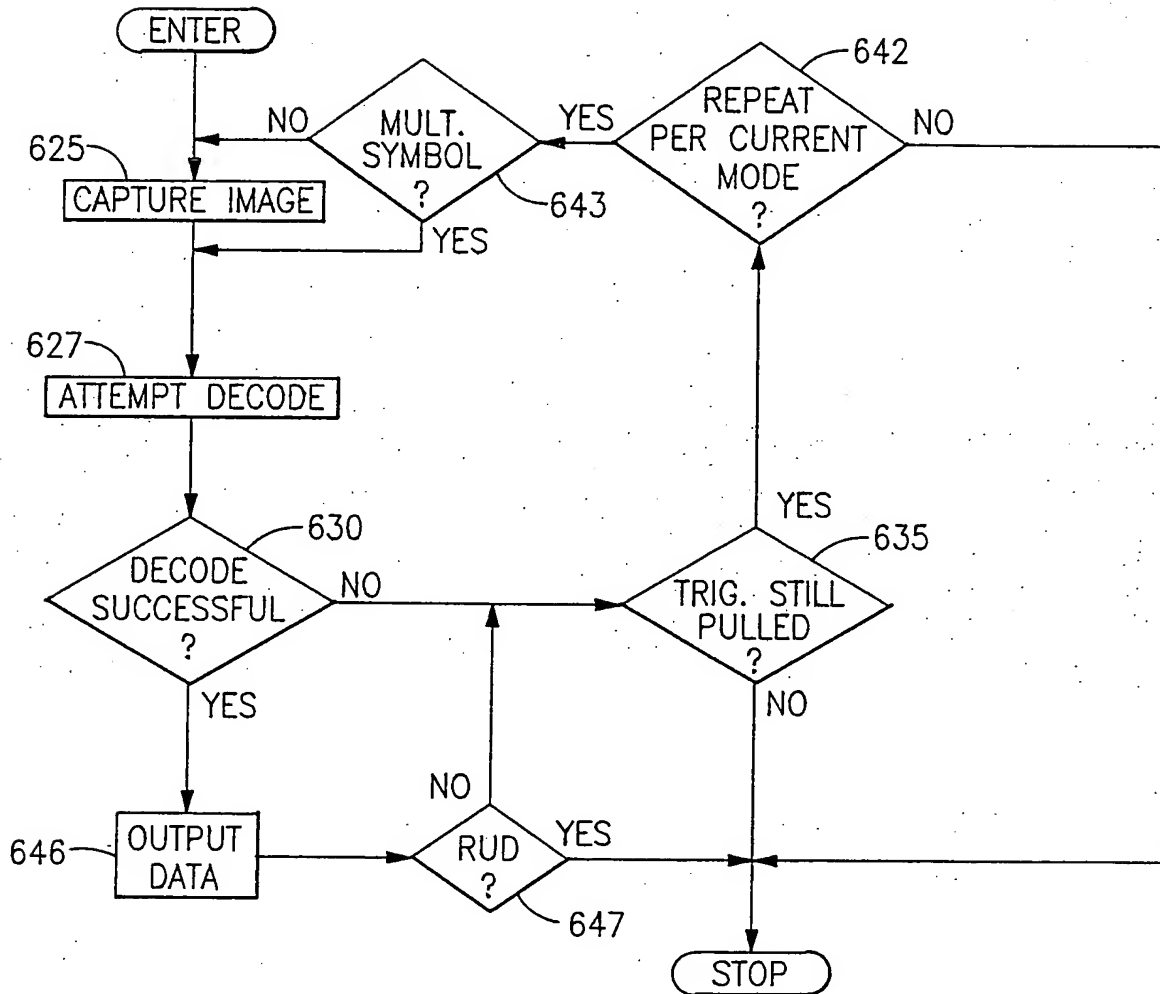


FIG.15

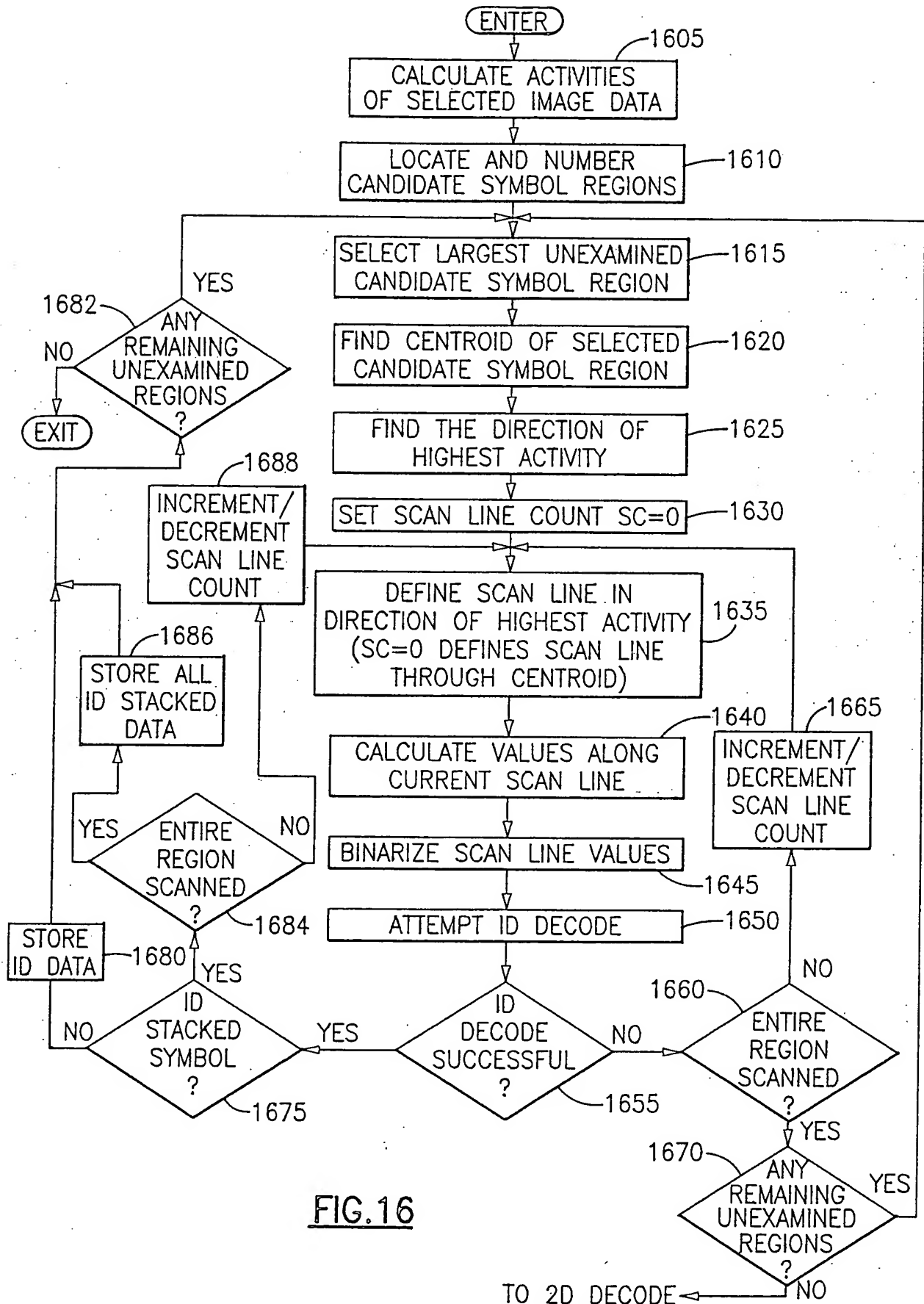
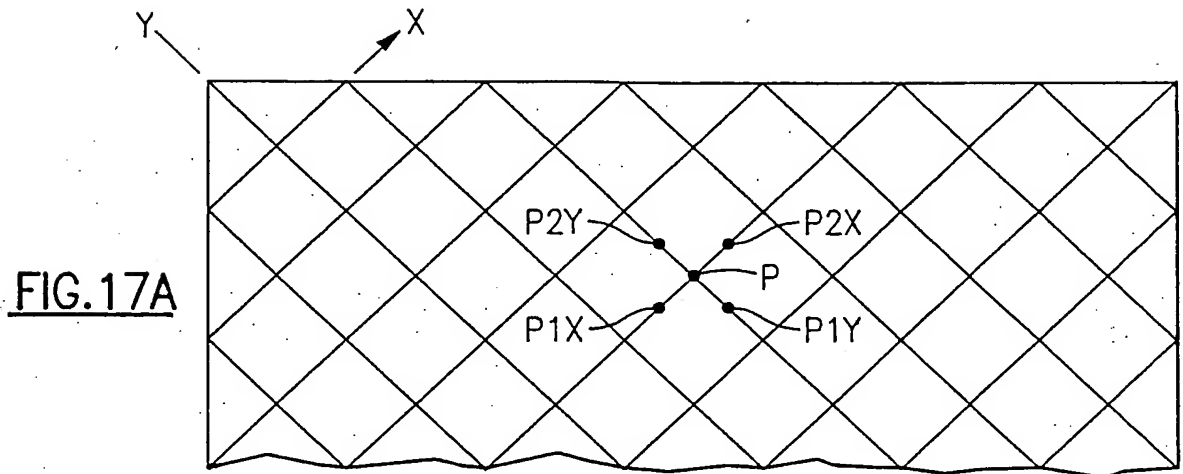


FIG. 16



$$A_P = (P2X - P1X)^2 + (P2Y - P1Y)^2$$

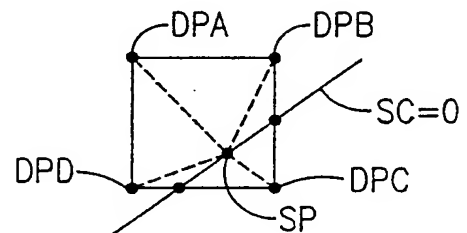
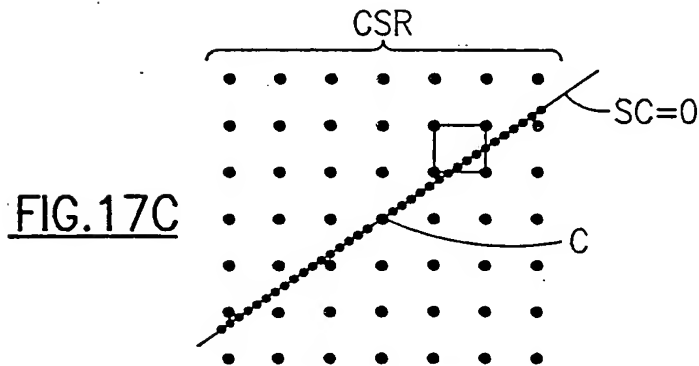
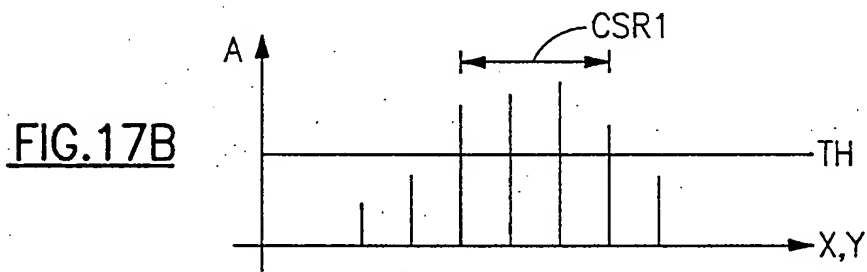
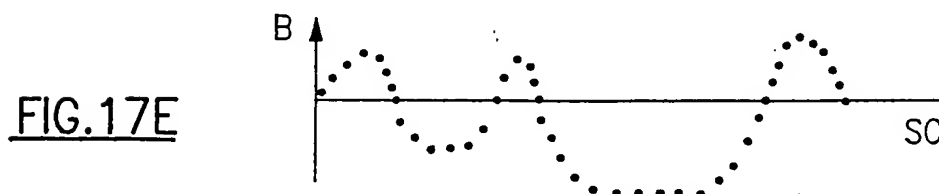


FIG.17D



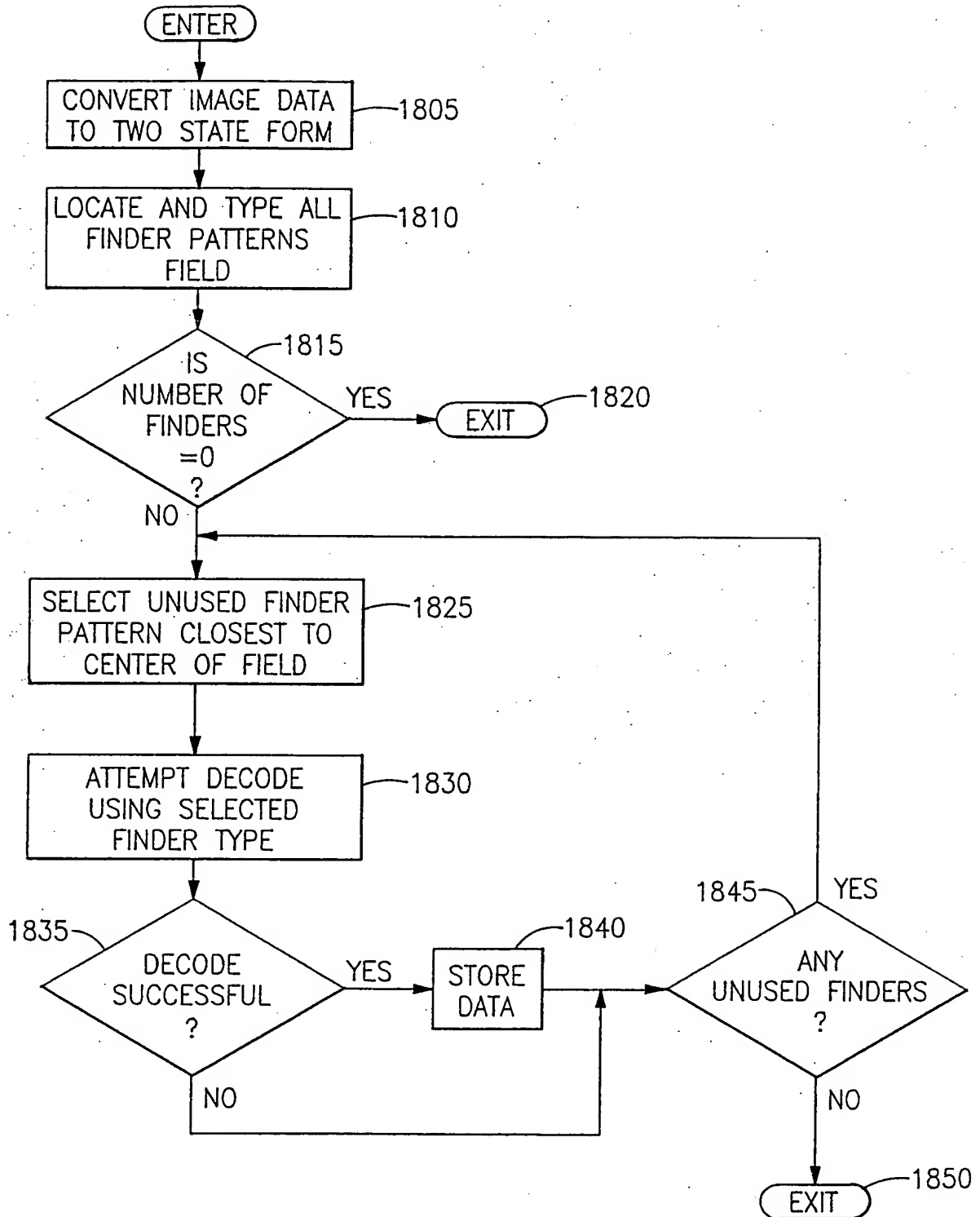


FIG.18

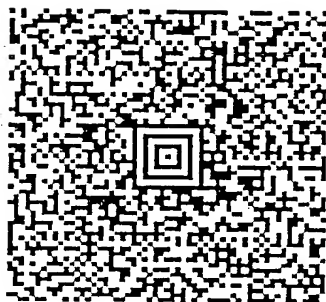


FIG. 19A

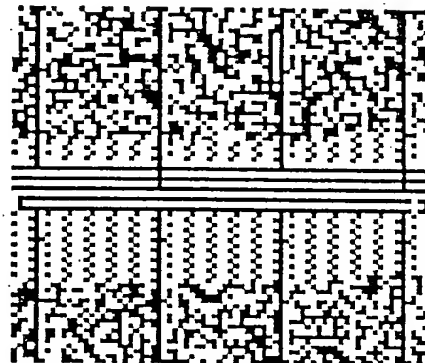


FIG. 19B

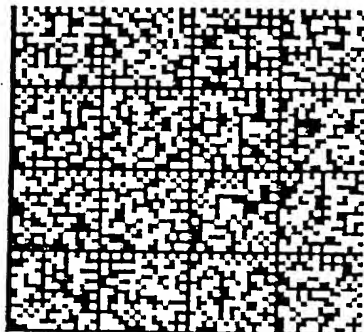


FIG. 19C

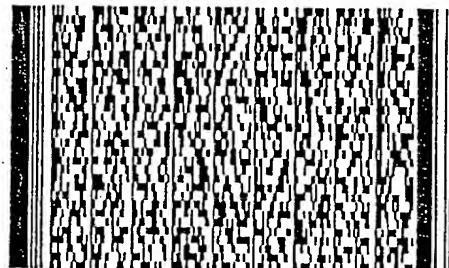


FIG. 19D

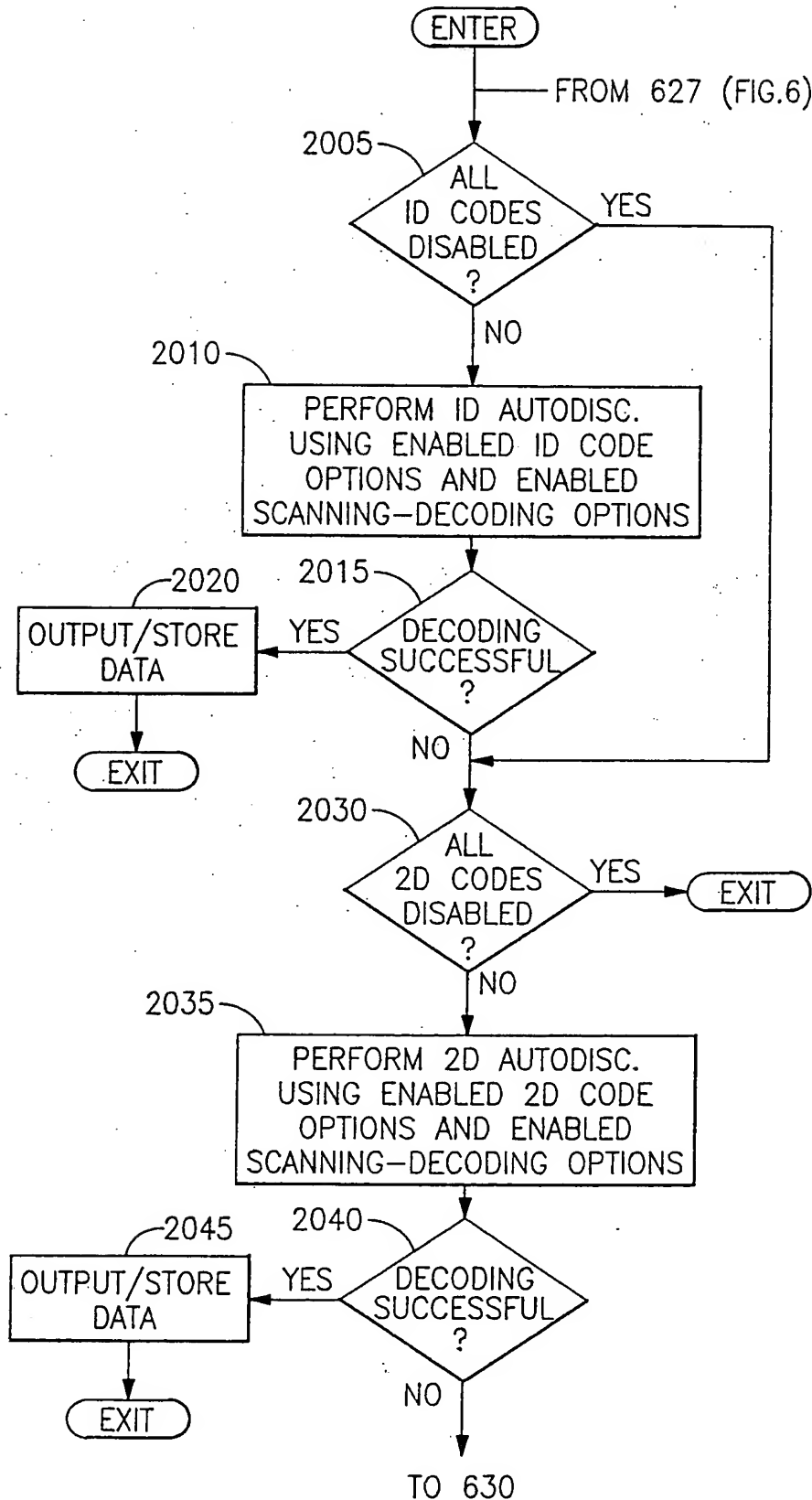
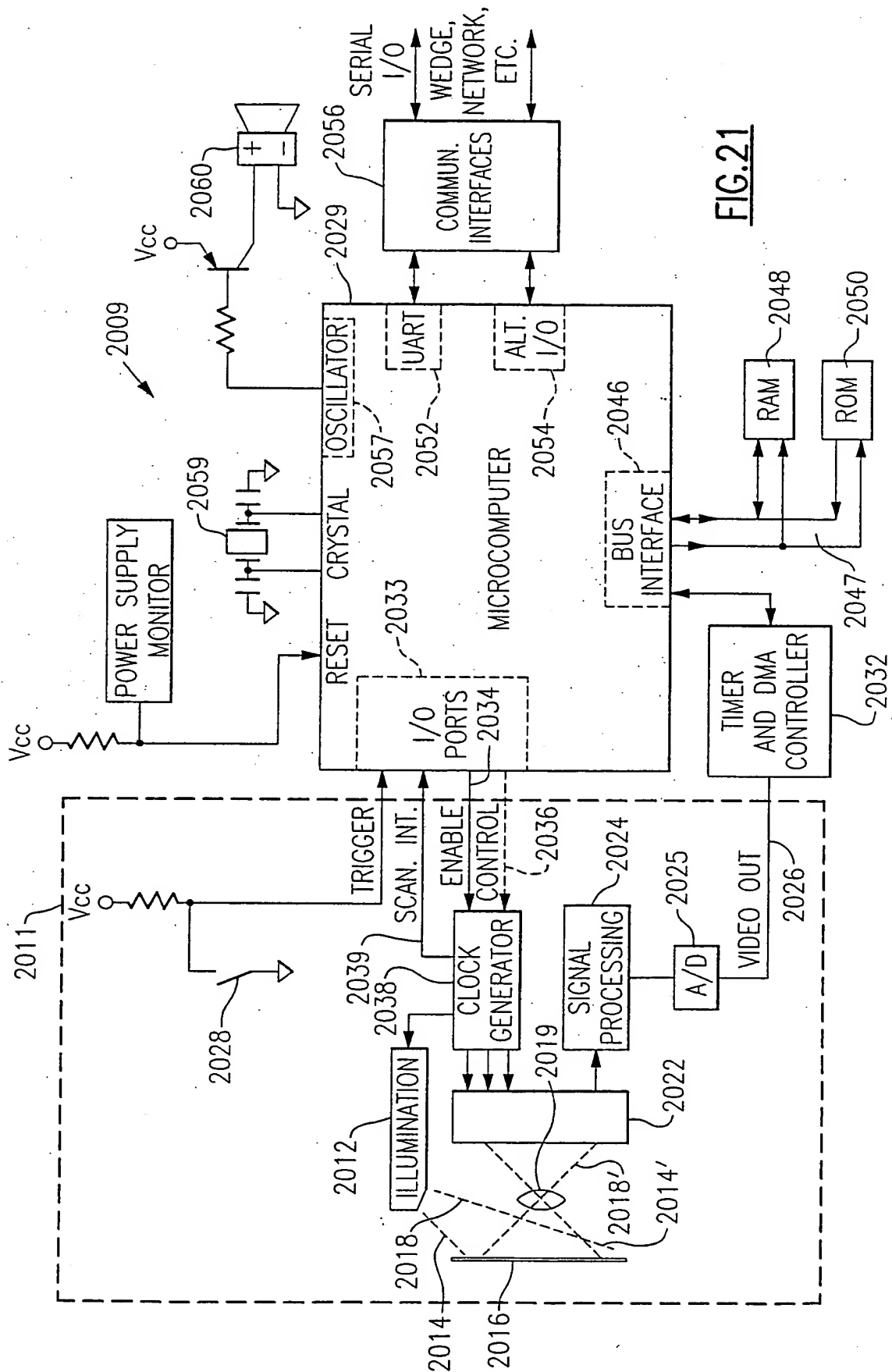


FIG.20



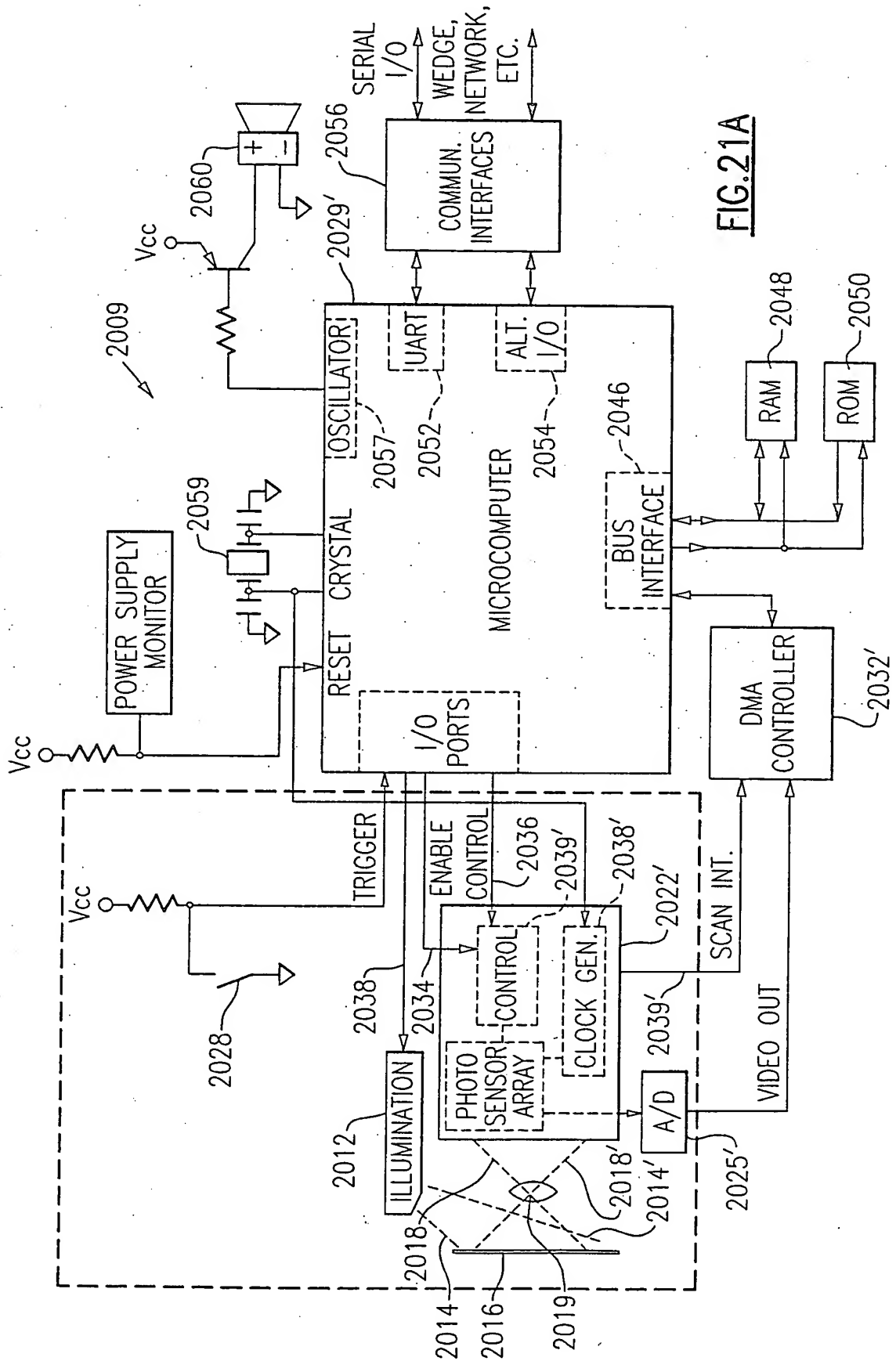


FIG. 21A

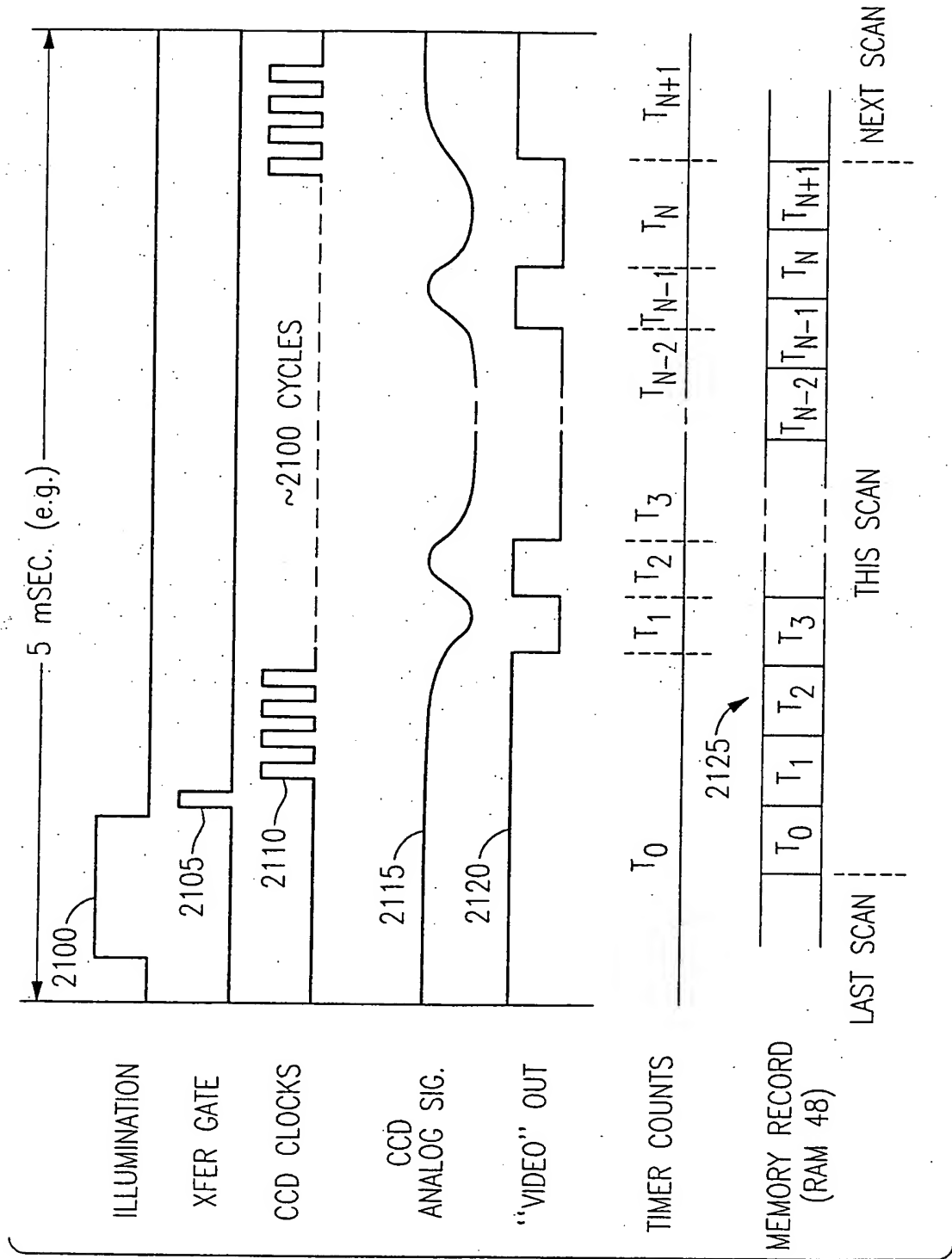


FIG. 22

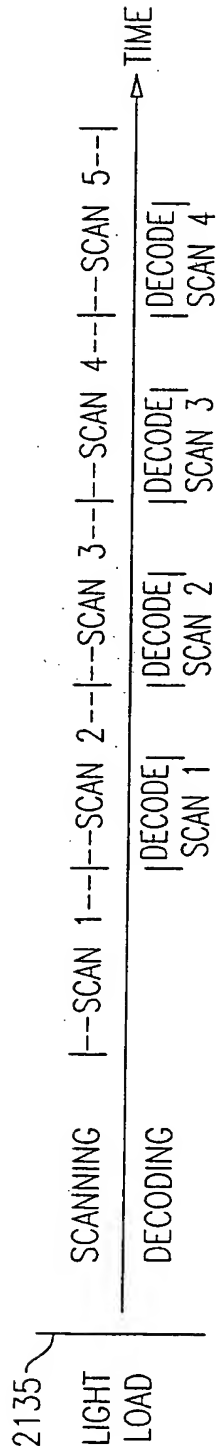


FIG. 23A

Prior Art

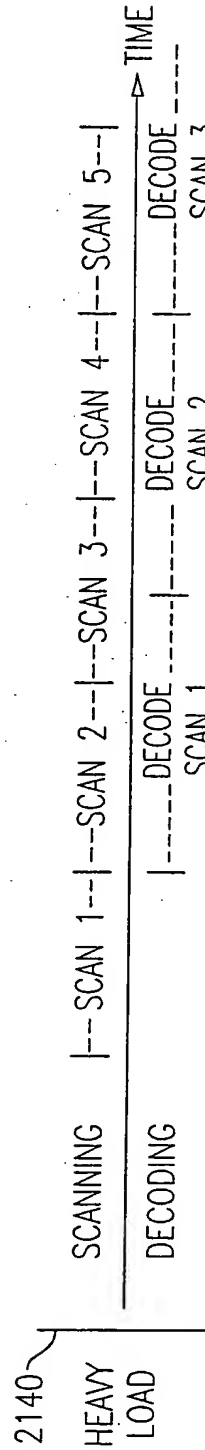


FIG. 23B

Prior Art

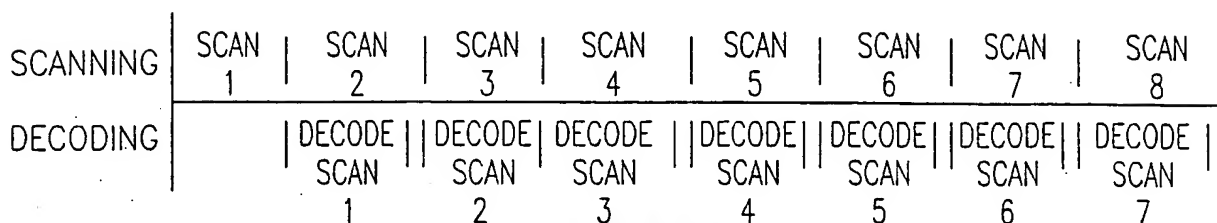


FIG.24A

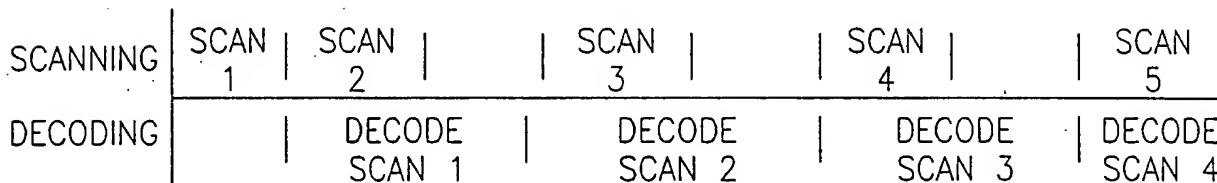


FIG.24B

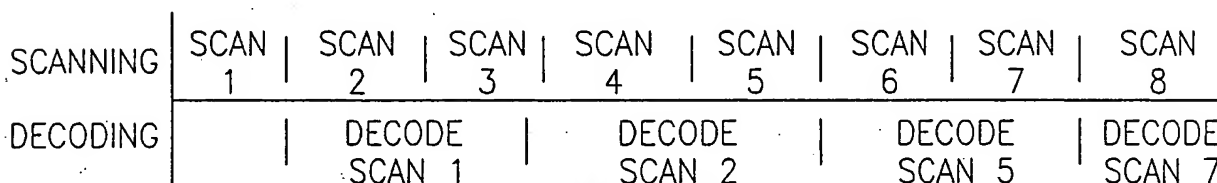


FIG.24C

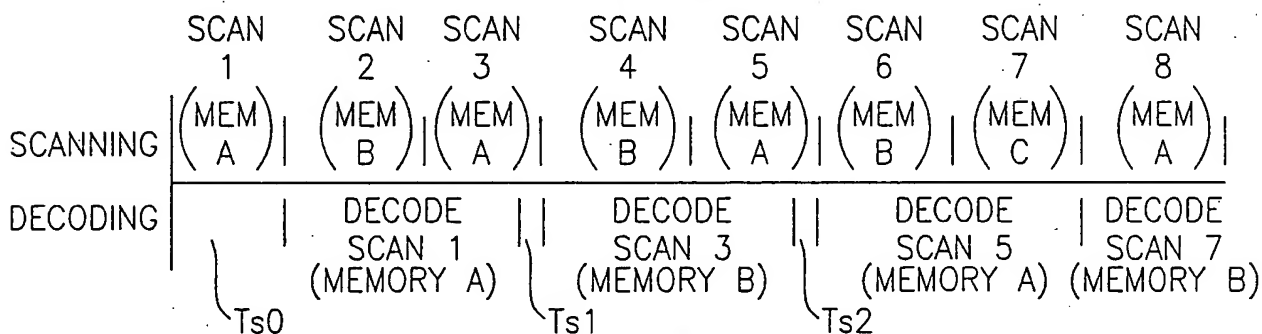


FIG.24D

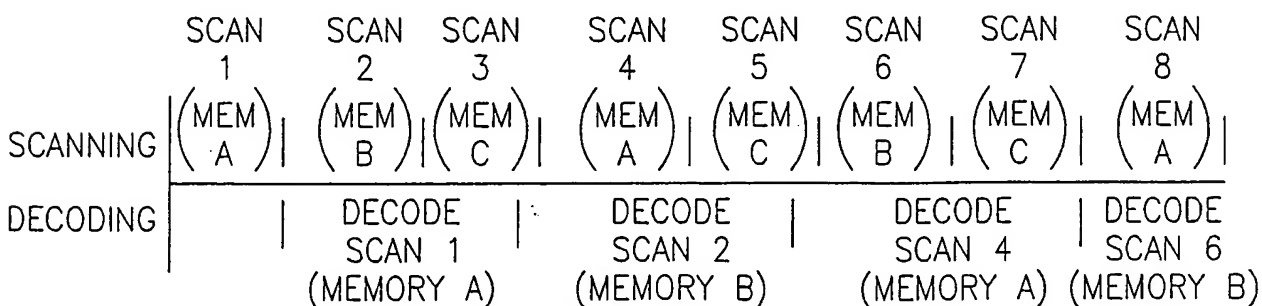


FIG.24E

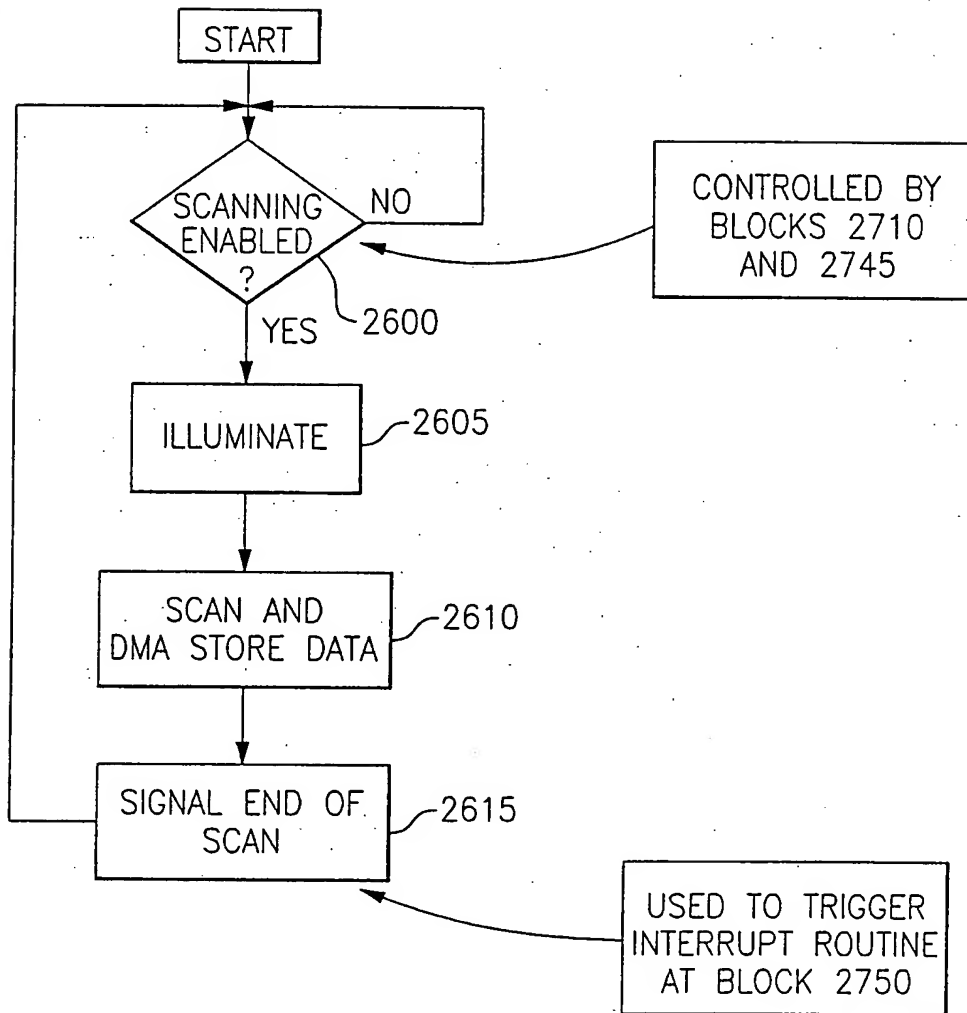


FIG.26

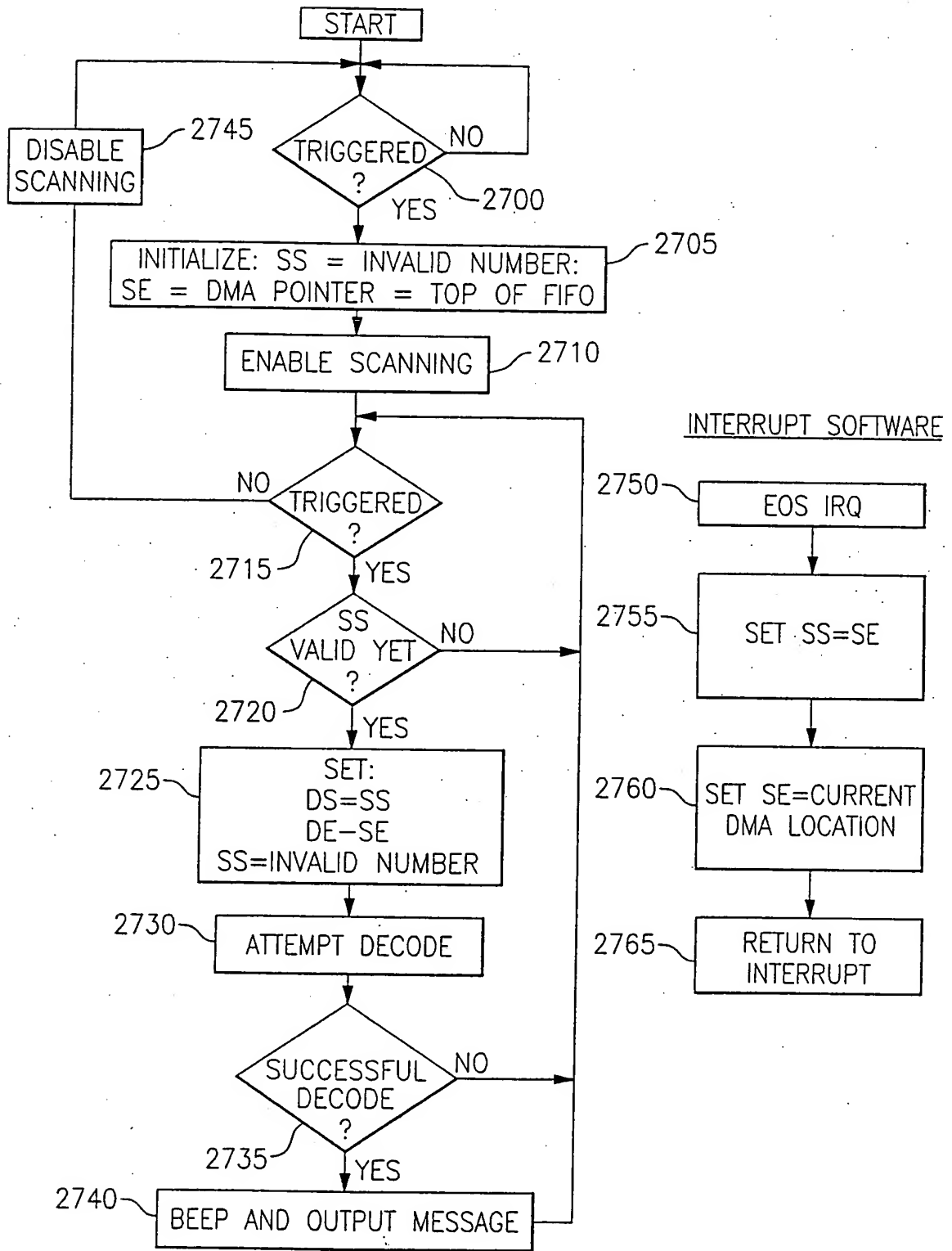


FIG.27

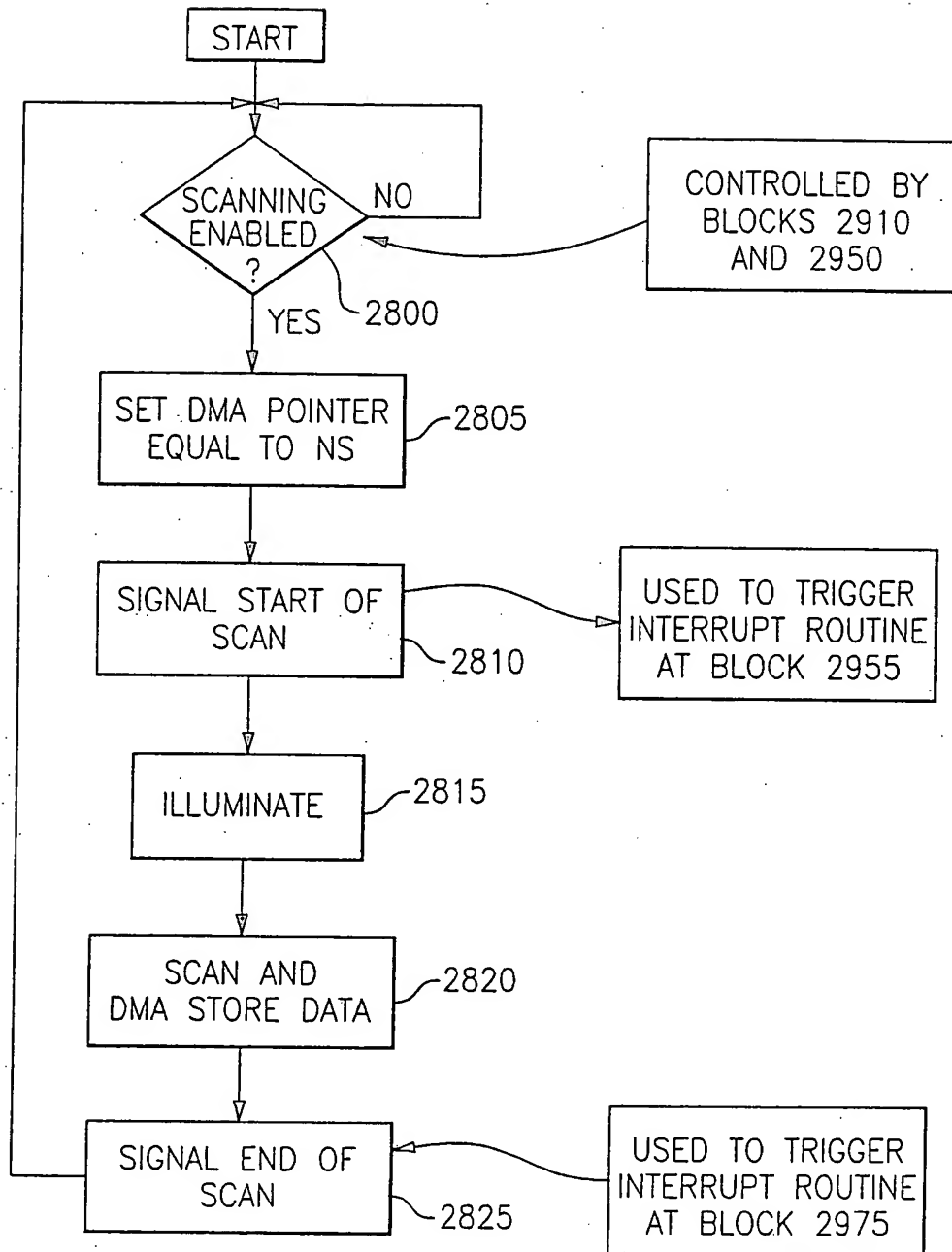


FIG.28

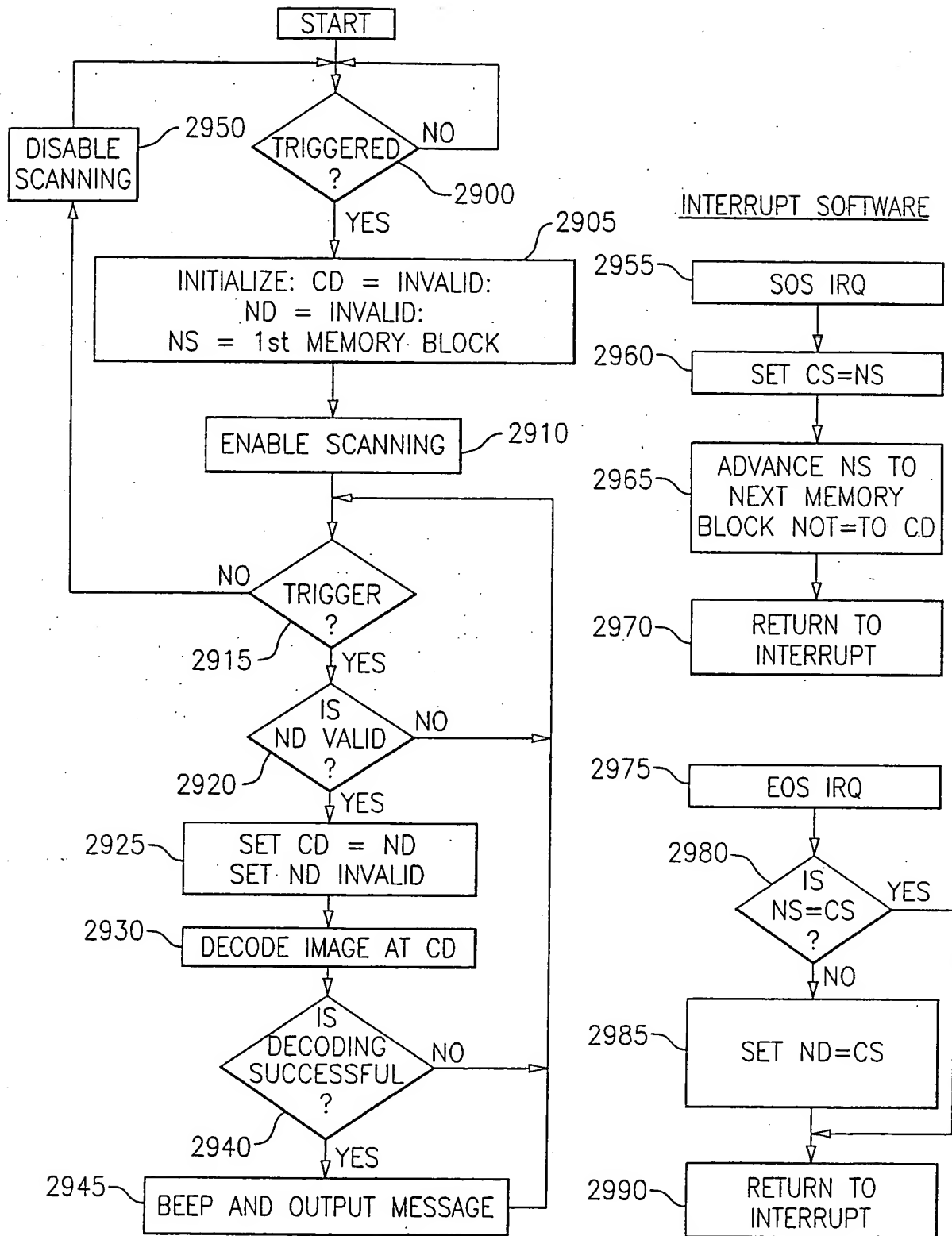
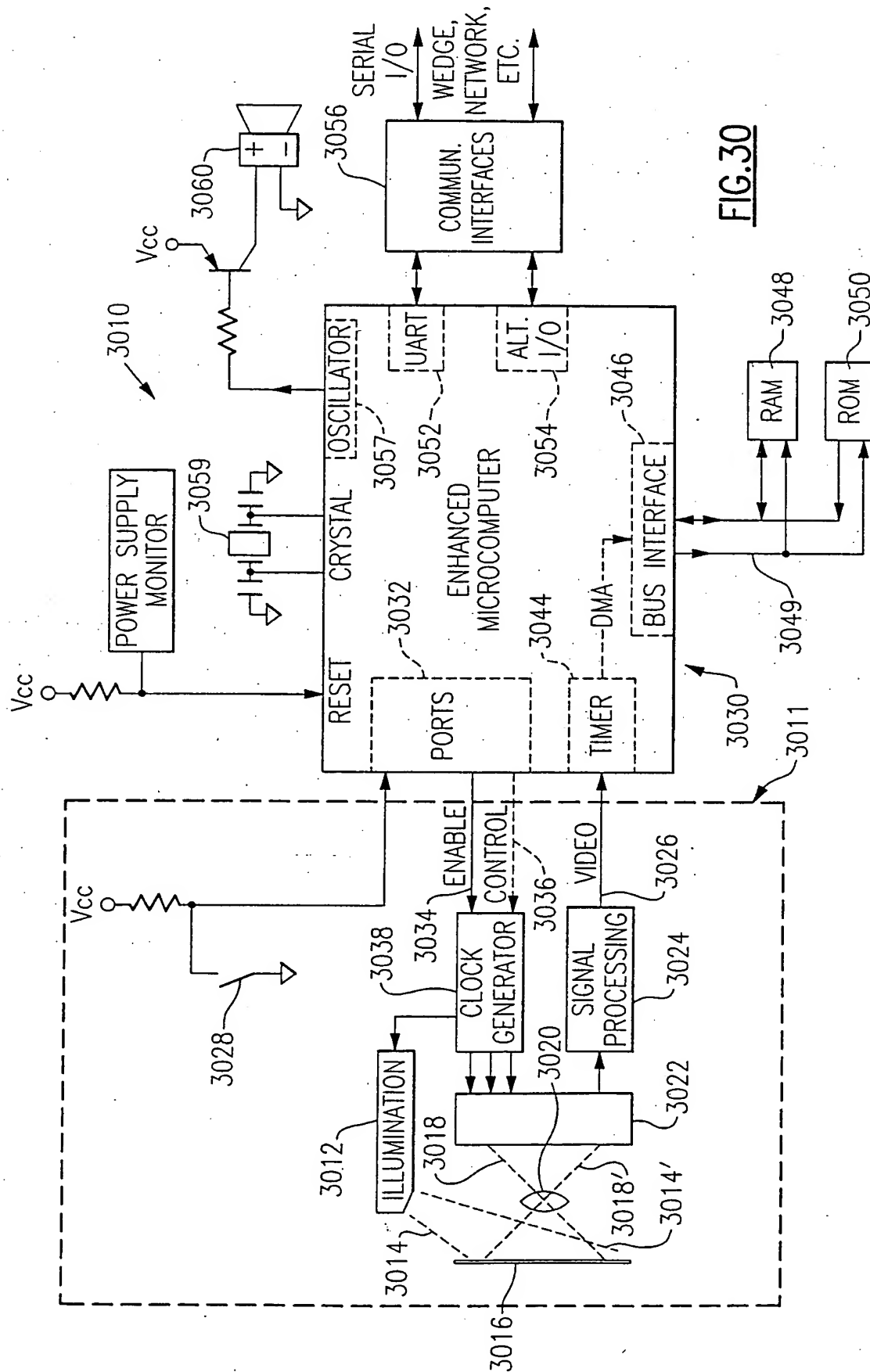


FIG.29



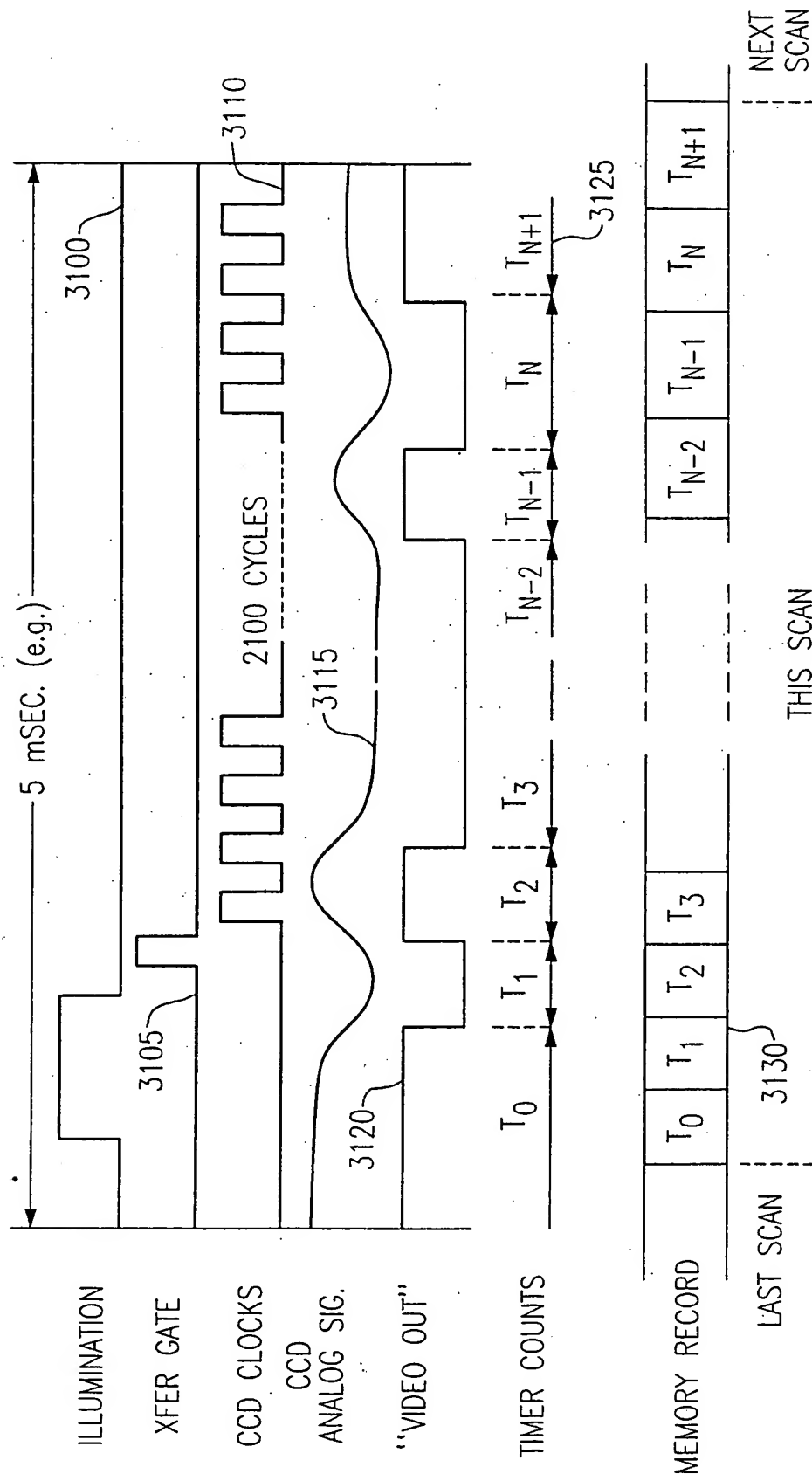


FIG.31

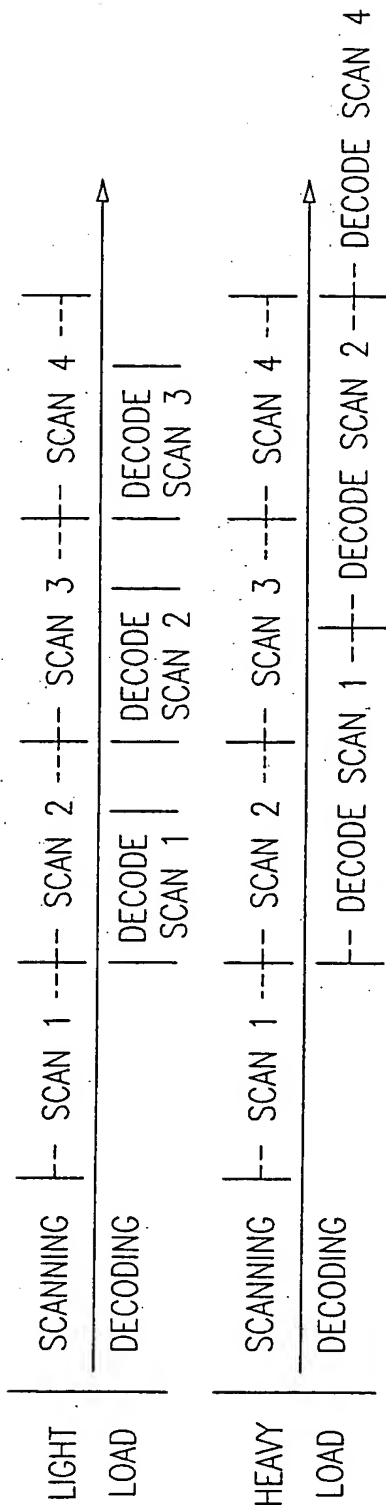


FIG. 32A

Prior Art

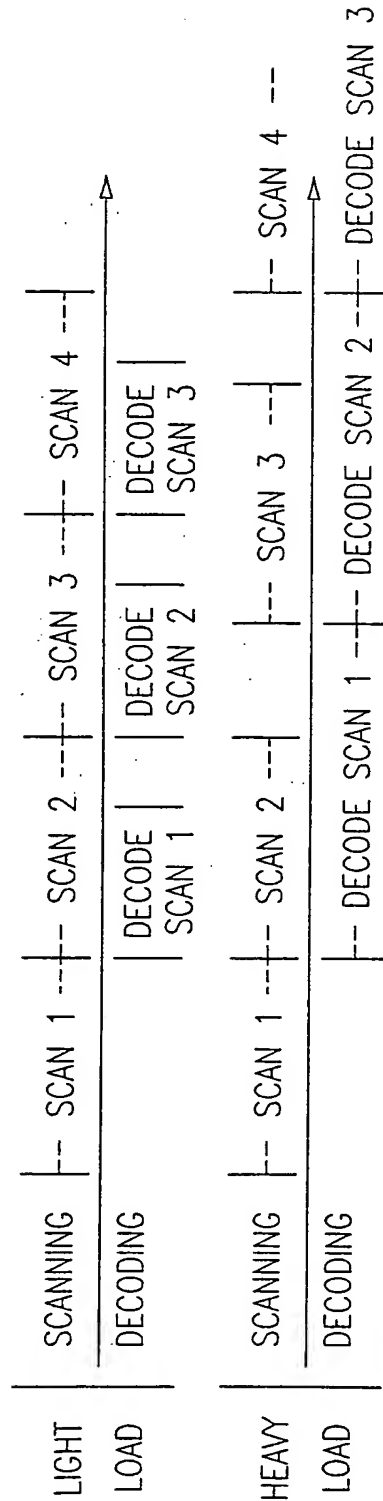
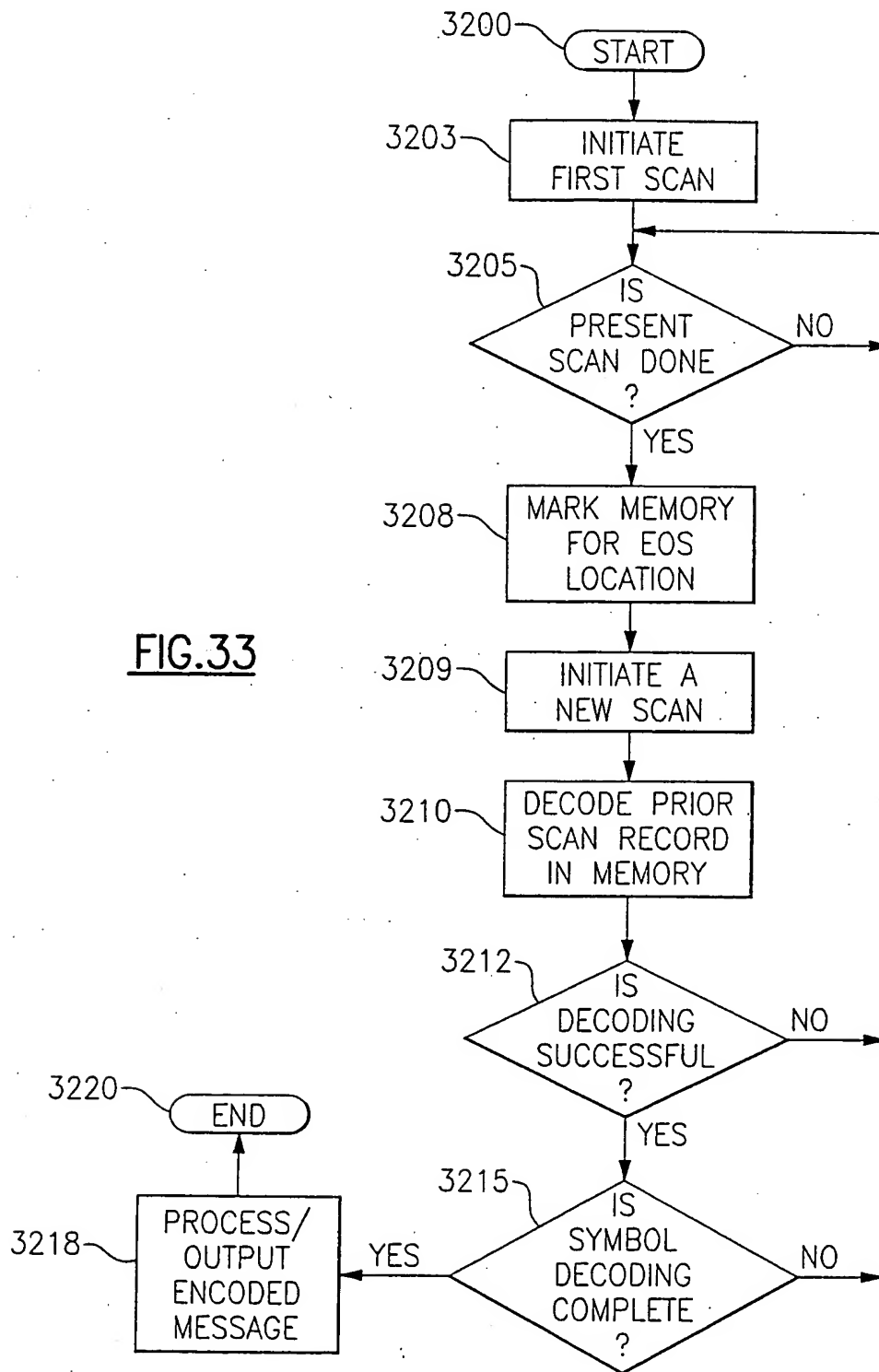
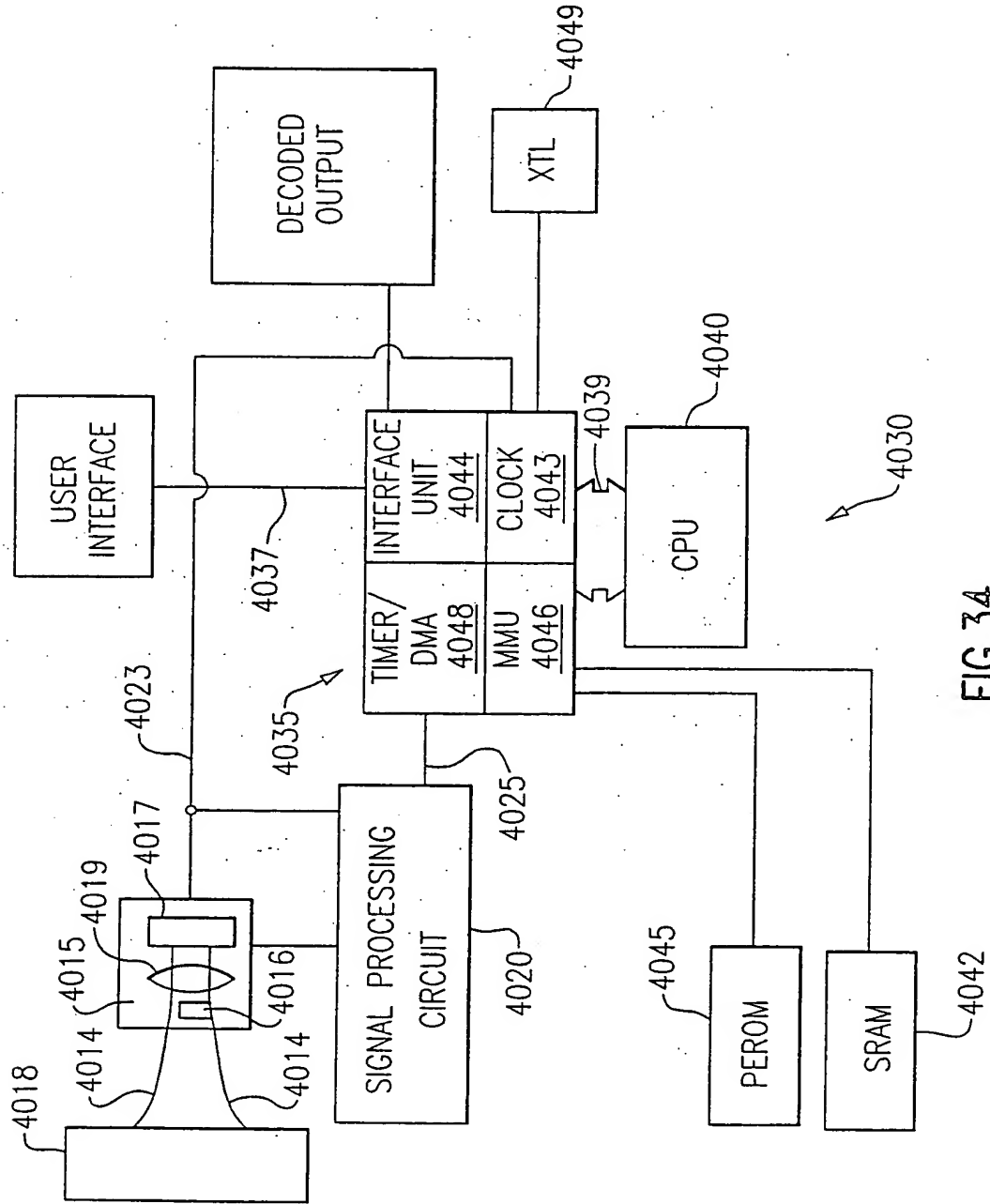


FIG. 32B

Prior Art





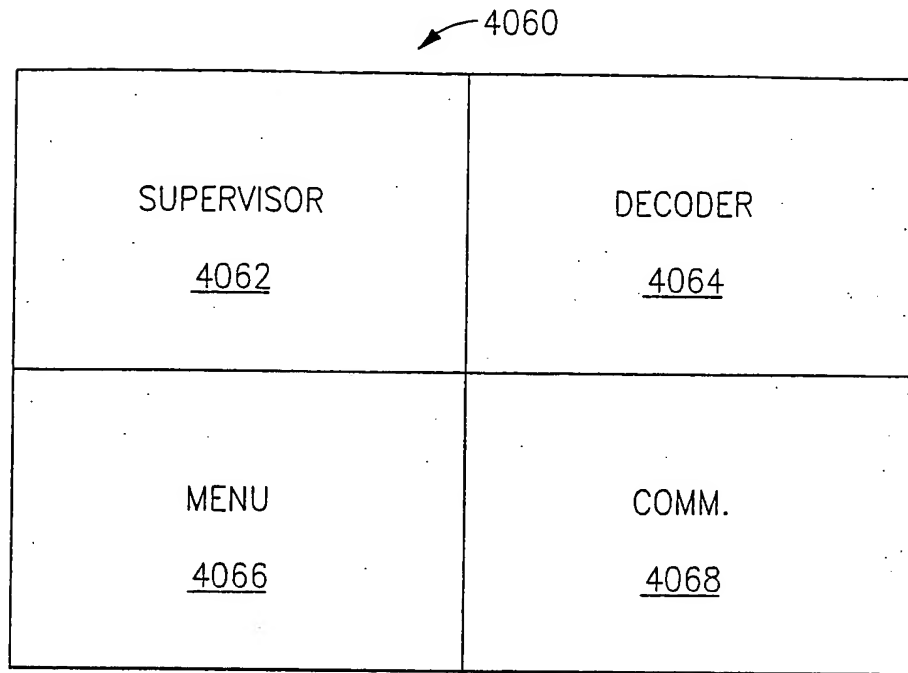


FIG.35

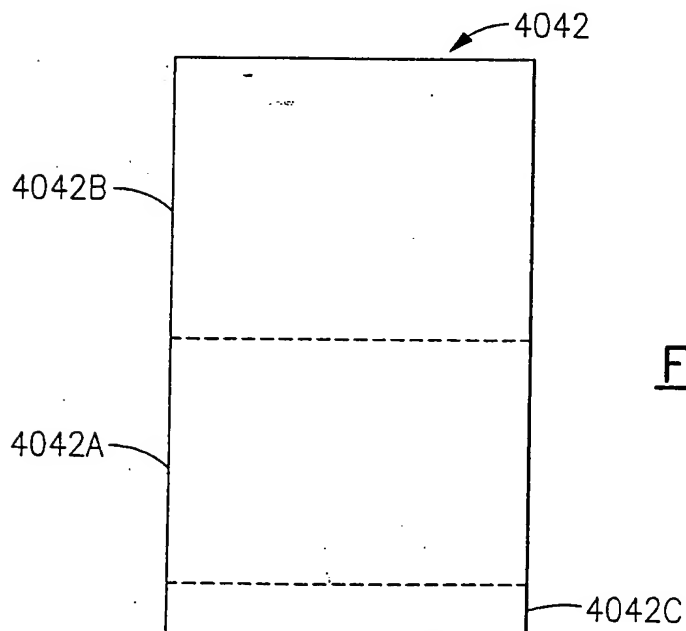


FIG.36

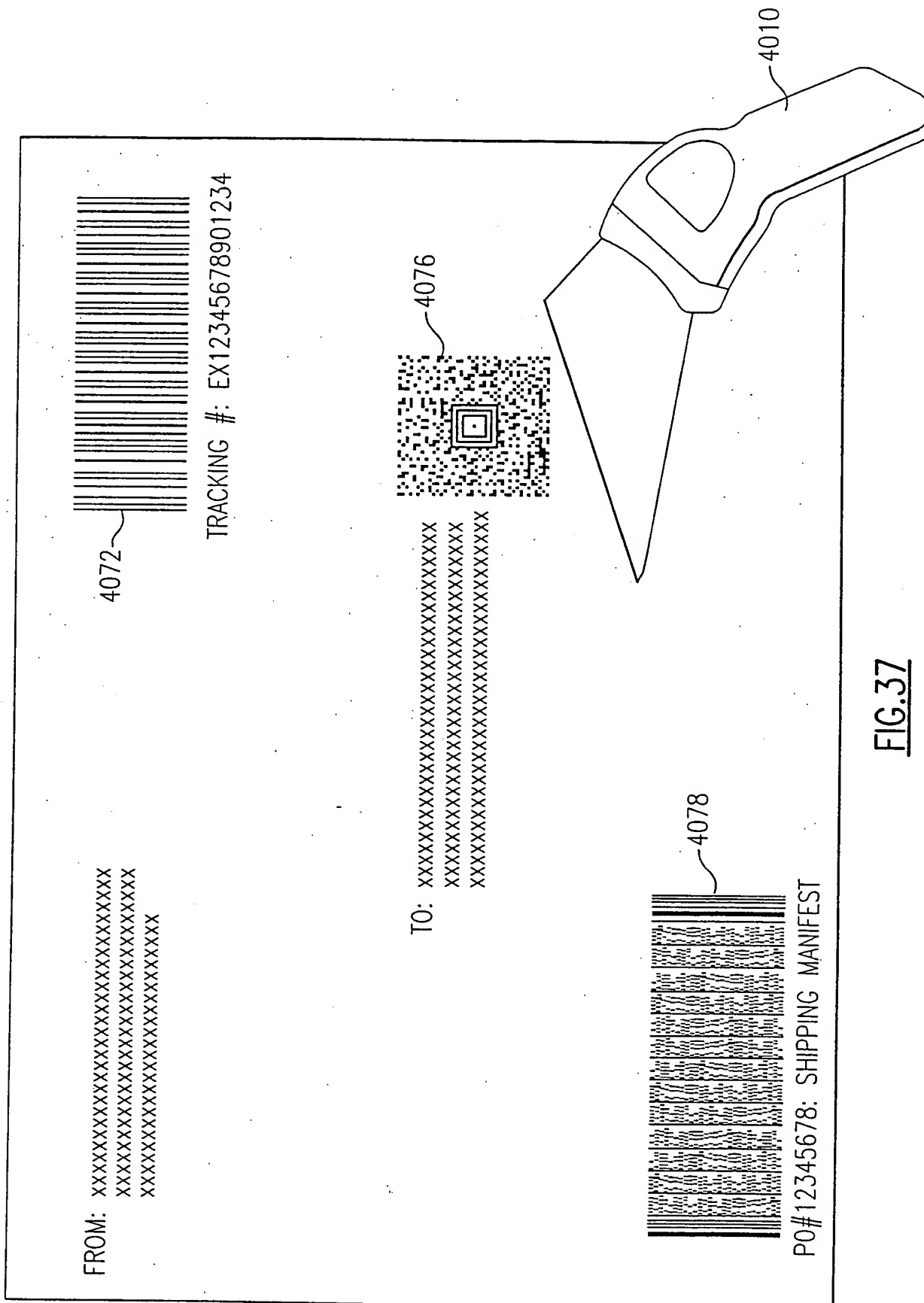


FIG. 37

